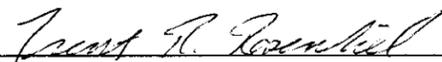


**HISTORY OF OIL OR GAS WELL**  
(In compliance with rules and regulations pursuant to ORS 520)

Operator Nahama & Weagant Energy Co. Lease LF Well No. 43-32-65  
Sec 32 T 6N, R 5W, Surveyed Coordinates (if directional, BHL & SHL): SHL: 2367'N & 1009'W  
from SE corner of Sec. 32

Wildcat: (or) Field Name: Mist County Columbia County

Signature



Trent R. Rosenlieb

Date: 12/15/93 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

08/25 349'

MW: 8.9 #/gal Vis 48 pH  
MIRU Taylor Rig #7. Spud 14 3/4" hole @ 4:30 PM 8/24/93. Drill to 349' @ 6:00 AM.

08/26 503'

MW: 9.0 #/gal Vis 50 pH  
503': 1°S74W  
Drill from 349'-503'. Circulate clean. Survey. Wipe hole to surface. Circulate clean. POOH. RU and run 11 jts. of 10 3/4", 32.75#, H-40, ST&C csg. with shoe @ 502'. Cement csg. as follows: Pump 188 sx. of Premium cement + 8% Gel + 3% CaCl<sub>2</sub> + 10#/sx CalSeal + .25#/sx Flocele. Followed by 100 sx. Premium cement + 3% CaCl<sub>2</sub> + .25#/sx Flocele. CIP. Cement returns to surface. WOC. Cut off conductor. Weld on csg. head. Test to 800 psi - OK. Install BOPE @ 6:00 AM.

08/27 844'

MW: 9.1 #/gal Vis 37 pH 9.5  
601': 1°S48W  
Install BOPE. Test to 1200 psi - OK. MU bit and BHA. RIH to 485'. Circulate clean. Test BOPE to 800 psi. Valve failed to hold pressure. Witnessed and

approved by D. Wermiel provided check valve replaced. Drill out shoe. Drill 9 7/8" hole from 503'-601'. Circulate and survey. Drill from 601'-691'. Circulate clean. Wipe hole to shoe. Drill from 691'-844' @ 6:00 AM.

08/28 1310'

MW: 9.1 #/gal Vis 44 pH 9.5  
1124': 1°45' S64W  
Drill from 844'-875'. Circulate clean. Wipe hole to shoe. Drill from 875'-1124'. Circulate and survey. Wipe hole to 814'. Drill from 1124'-1246'. Circulate and wipe hole to shoe. Ream from 1096'-1166'. RIH and drill to 1310' @ 6:00 AM.

08/29 1841'

MW: 9.2 #/gal Vis 42 pH 9.0  
1496': 1°15' S56W  
1809': 1°30' S44W  
Drill from 1310'-1402'. Circulate and survey. Wipe hole to 1164'. Ream from 1222'-1322'. Circulate. Drill from 1402'-1496'. Circulate and survey. Drill from 1496'-1622'. Circulate and wipe hole to 1322'. Circulate for logger. Drill from 1622'-1809'. Circulate and survey. Wipe hole to 1419'. Circulate for logger. Drill from 1809'-1841'. Circulate for logger @ 6:00 AM.

08/30 1909' TD

MW: 9.3 #/gal Vis 48 pH 9.0  
Drill from 1841'-1909' TD. Circulate clean. POOH. RU loggers and run DIL-GR from 1901'-502', Neutron & Density logs from 1905'-900'. Rig down loggers. MU bit and RIH to 1909'. Circulate clean. POOH. RU loggers and run FMS from 1905'-900' & sidewall cores as directed. Rig down loggers. RIH to condition mud for csg. @ 6:00 AM.

08/31 1909' TD

MW: 9.3 #/gal Vis 48 pH 9.0  
Finish running in hole to 1909'. Circulate clean. POOH. Lay down DP, HW & BHA. RU and run 43 jts., 20#, K-55 ST&C, 7" csg. with shoe @ 1839'. Cement casing as follows: 200 sx. Premium cement + 6% Gel followed by 190 sx. Premium cement + 2% KCL (w/w) + 2% Microbond + 1% Gasban. CIP. Cement returns to surface. Remove BOPE. Csg. slips not set properly. Cut holes in 7" csg. Attempt to drive slips lower into csg. head bowl. No success. Attempt to pull slips. No success. Disassemble slips in segments in attempt to remove @ 6:00 AM.

**COMPLETION HISTORY**

09/01 Install tbg. head and test to 1000 psi - OK. Install BOPE & test to 1200 psi - OK. RU loggers and run Neutron-CBL-CCL from 1828'-490'. Rig down loggers. RIH w/tbg. to 1752'. POOH. Change out kellys @ 6:00 AM.

09/02 Finish changing out kellys. MU bit & BHA. PU drill tbg. RIH to 1181'. Test BOPE to 750 psi - OK. Witnessed and approved by D. Wermiel - DOGAMI provided safety valve is repaired or replaced. Finish RIH to 1837'. Drill out wiper plug & shoe. Clean out to 1909'. Circulate clean. Pull up to shoe of 7" csg. Dump & clean mud pits. Mix 3% KCL/HEC-10 polymer clear wtr. drilling fluid. RIH to 1909'. Change hole over to KCL/Polymer. POOH. MU underreamer. RIH @ 6:00 AM.

09/03 Finish RIH to 1840'. Underream 9 7/8" hole to 13" from 1840'-1873'. Stuck pipe. Work pipe free. POOH. Replaced underreamer. RIH to 1840'. Ream from 1840'-1873'. Underream 9 7/8" hole to 13" from 1873'-1909'. Circulate clean. POOH to 7" csg. Wait 1 hr. RIH to 1909'. Circulate clean. POOH. Lay down BHA & underreamer. MU 5 1/2" liner. RIH. Run 2 7/8" tbg tail inside liner & attach. RIH w/liner @ 6:00 AM.

09/04 Finish RIH w/ liner to 1909'. Top @ 1793'. RU Otis Sand Control. Reverse circulate hole. Circulate through liner. Pressure increased. Rig down Otis. Pull liner into shoe of 7" csg. RU Otis & circulate through liner. Pressure buildup. Rig down Otis. POOH w/liner. MU bit & BHA. RIH to 1909'. Circulate & filter hole fluid. Pull to shoe. Wait 1 hour. RIH to 1909'. No fill. POOH. Lay down BHA @ 6:00 AM.

09/05 Finish laying down BHA. MU 4 1/2" 10# mesh wire wrapped liner. RIH w/liner to 1909'. RU Otis. Circulate through liner. Begin mixing & pumping gravel. Circulate clean. Rig down Otis. Attempt to pull tension on liner. POOH. Recovered entire liner. MU bit & BHA. RIH to 1878'. Circulate down to 1909'. Recovered gravel pack sand @ surface. Circulate & filter hole fluid. POOH to shoe @ 6:00 AM.

09/06 Wait @ shoe 1 hr. RIH to 1909'. Circulate & filter hole fluid. POOH to shoe. Wait on gravel pack tool cups. RIH to 1909'. No fill. POOH. MU liner & gravel pack tools. RIH w/liner. RU Otis. Circulate through liner. Mix & pump gravel pack sand. Wait one hour. Pressure test to 500 psi - OK. Pull test liner - OK. Back off liner setting tool. POOH @ 6:00 AM.

09/07 Finish POOH w/liner setting tool. MU lead seal adapter. RIH to 1792'. Latch over liner & pack off lead seal. Release tool. Circulate hole clean. POOH. Lay down DC's & break kelly. MU tbg. collar & RIH with 2 7/8" tbg. Land donut w/tbg. tail @ 1761'. Remove BOPE. Install tree. RU to swab & clean pits @ 12:00 AM.

09/08 Finish RU swab equipment. Swab well to initiate flow. Flow well for clean up. Release rig @ 8:00 PM 9/7/93.

09/09 Flow test well. Load out rental equipment.