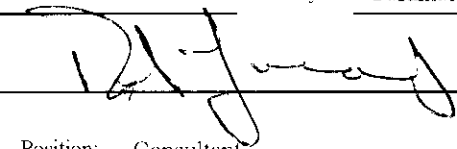


STATE OF OREGON  
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

800 NE Oregon St #28      Portland, OR 97201

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

Enerfin Resources Northwest	"John Hancock"	32-27-64
(Company or Operator)	(Lease)	(Well No.)
Sec. <u>27</u> T <u>6N</u> R <u>4W</u>	Surveyed Coordinates:	
SHL.- <u>1,631.88' South and 1,387.42' West from the Northeast corner of Sec. 27</u>		
BHL.- <u>NA</u>		
Wildcat: <u>NA</u>	(or) Field Name: <u>Mist Gas</u>	County: <u>Columbia</u>
	Signature: 	
Date: <u>December 1, 1998</u>	Position: <u>Consultant</u>	

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 operations. Do not include lithology.

Date

- 11-01-98      MIRU Taylor Drilling Rig #7 from 10-30-98 to 10-31-98. Weld on conductor, take on fresh water and spud mud. Jet out rathole. Spud 9-7/8" hole at 6:30 PM. Drill to 52' at midnight.  
MW 9.2          Vis 53          WL NC
- 11-02-98      Pull out of hole. Change bit (#2). Run in hole to 52'. Drill to 135'. Ream from 100'-135'. Drill to 196' at midnight.  
MW 9.3          Vis 125          WL NC
- 11-03-98      Drill from 196'-226'. Pull out of hole. Change bit (#1RR). Run in hole. Drill to 523'. Circulate clean. Survey (.75°). Wipe hole to surface. Circulate clean. Pull out of hole (lay down 6" DC's). Rig up tongs and run 12 joints (524.50') of 7" 20# J-55 S1&C casing equipped with float shoe and 3 centralizers. Rig up BJ cementers and circulate casing. Cement casing shoe at 522' as follows: pump 20 BBLs water ahead, mix and pump 85 sx (160 ft3) of Type III cement + 3% SMS + .75% CD-32 + 1% CaCl2 + .25#/sk Celloflake at 13 PPG followed by 75 sx (116 ft3) of Type III cement + 3% SMS + .75% CD-32 + .25#/sk Celloflake at 14 PPG. drop plug and displace to shoe with 21 BBLs water, bumped plug (float held), CIP at 4:30 PM with good returns throughout job (returned approx. 2 BBLs cement to surface. Wait on cement. Cut off conductor and casing. Weld on 7" SOW X 7-1/16" 3M casing head at midnight.  
MW 9.2          Vis 37          WL NC
- 11-04-98      Finish welding on casing head and test welds to 1200 PSI-OK. Nipple up BOPE and test CSO rams to 850 PSI-OK. Make up new 6-1/4" bit (#3) and attempt to run in hole (bit would not go through casing head). Remove BOPE. Grind welds on inside of casing head. Set BOPE on casing head. Check casing head with bit-OK. Nipple up BOPE and retest CSO rams to 800 PSI-OK. Run in hole to 472'. Pressure test BOPE and related equipment to 800 PSI-OK (witnessed and approved by Dennis Olmstead-DOGAMI). Drill out shoe. Drill 6-1/4" hole to 613' (started losing fluid to formation at ~600'). Pull to shoe. Build pit volume, and mix gel and LCM. Run in hole. Drill to 624' with continued loss of fluid to formation (estimated 30% returns). Pull to shoe. Build pit volume, mix gel and LCM, and fill hole from surface at midnight.  
MW 9.1          Vis 39          WL 5.4
- 11-05-98      Continue building pit volume, mixing gel and LCM, and filling hole from surface. Run in hole. Establish circulation with slow pump rate and partial returns, and drill to 996'. Survey (.25°). Drill to 1,183' with continued slow loss of fluid to formation. Wipe hole to shoe. Drill to 1,400'. Circulate and condition mud and raise mud weight to 9.1 PPG. Survey (.50°) at midnight.  
MW 9.1          Vis 42          WL 5.6
- 11-06-98      Wipe hole from 1,400' to shoe. Circulate for logger. Drill to 1,681'. Circulate for logger. Drill to 1,715'. Wipe hole to 1,385' (6-8K drag and spot swabbing). Circulate for logger. Drill to 1,745'. Change kelly saver sub. Drill to 2,212' TD at 9:00 PM. Circulate clean

**Enerfin Resources Northwest**  
**"John Hancock" 32-27-64**  
**History of Oil or Gas Well**  
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- 11-06-98  
(cont.) Survey (no good). Wipe hole 10 stands. Circulate clean. Survey (.25°). Wipe hole to shoe at midnight.  
MW 9.0                      Vis 39                      WL 5.4
- 11-07-98 Finish wiper trip to shoe. Circulate clean. Pull out of hole. Rig up Schlumberger (SWS) and run "Platform Express" with AIT/DSN/CDL/BHC/GR from 2,177'-520', and attempt to run sidewall cores with no success (core gun firing module failed), rig down SWS. Run in hole to 2,212'. Circulate and condition mud. Pull out of hole laying down DP and BILA. Rig up tongs and run 62 joints (1,942.36') of 2-7/8" 6.5# J-55 EUE casing equipped with float shoe, latch down plug seat, and 15 centralizers placed around collars of first 15 joints. Rig up BJ cement head. Circulate and reciprocate casing clean. Cement casing shoe at 1,939' (latch down plug at 1,905') as follows: pump 20 BBLs mud flush ahead, mix and pump 35 sx (67 ft3) of Type III cement + 3% SMS + .75% CD-32 + .25#/sk Celloflake mixed at 13 PPG followed by 118 sx (157 ft3) of Type III cement + 5% KCL + 1% FL-62 + .3% CD-32 + 3% EC-1 + 3% BA-58 mixed at 14.8 PPG, washout lines, drop plug and displace to seat with 11 BBLs 2% KCl. water, bump plug (float held), CIP at 6:40 PM with good returns throughout. Set casing in slips as cemented. Nipple down BOPL. Install 7-1/16" 3M X 2-9/16" 3M production tree at midnight.
- 11-10-98 Test tree to 750 PSI-OK. Rig up SWS and run NDL/CBJ/CCI. from 1,850'-500' (log showed adequate bonding across intervals of interest with TOC at ±580'), rig down SWS. Clean mud pits.
- 11-11-98 Rig up SWS, run in hole with 1-11/16" Enerjet thru tubing gun, correlate to open hole log and perforate 4 SPF ±45° off-center phased on two planes from 1,740'-1,746', rig down SWS (0 SICP). Rig up swab equipment, and swab well to 600' in two runs (well began to flow). Flow well to sump to unload fluid. Shut well in (560 SICP). Rig down swab equipment. Flow well to atmosphere thru flare stack as follows: 817 MCFD rate with 540 FCP on 16/64ths choke, 457 MCFD rate with 555 FCP on 12/64ths choke, 200 MCFD rate with 560 FCP on 8/64ths choke. Shut well in (570 SICP).