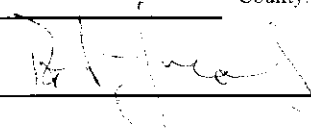


**STATE OF OREGON  
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES**

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"	22-27-64
(Company or Operator)	(Lease)	(Well No.)
Sec. <u>27</u> <u>T</u> <u>6N</u> <u>R</u> <u>4W</u>	Surveyed Coordinates:	
SHL= <u>1,979' South and 2,432' East from the Northwest corner of Sec. 27</u>		
BIII.- <u>NA</u>		
Wildcat: <u>NA</u>	(or) Field Name: <u>Mist Gas</u>	County: <u>Columbia</u>
	Signature: 	
Date: <u>November 10, 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	
10-20-98	MIRU Taylor Drilling Rig #7 from 10-08-98 to 10-19-98. Weld on conductor, take on fresh water and spud mud. Spud 9-7/8" hole at 9:00 AM. Drill to 42' (experienced loss of drilling fluid starting at 28'). Build mud pit volume and mix gel and LCM. Drill to 68' with continued loss of drilling fluid. Pull out of hole. Build mud pit volume and mix gel and LCM. Deepen rathole and mousehole with portable hydraulic rotary table to accommodate rig. Run in hole to 60'. Circulate out fill to 68' at midnight. MW 8.6                  Vis 50                  WL NC
10-21-98	Drill from 68'-88' (lost circulation). Build mud pit volume and mix gel and LCM. Ream to 88'. Drill to 107' (experiencing difficulty making connections due to large volcanic fragments). Pull out of hole to check bit-OK. Run in hole. Drill to 123' (lost circulation). Build mud pit volume and mix gel and LCM at midnight. MW 8.8                  Vis 80                  WL NC
10-22-98	Finish building mud pit volume, and mixing gel and LCM. Ream from 111'-123' (flowline plugging with volcanic cuttings). Drill to 129'. Pull out of hole. Unplug bit. Run in hole. Ream from 123'-129'. Drill to 135'. Reaming kelly and attempting to make connection at midnight (continual ±5' fill). MW 8.9                  Vis 96                  WL NC
10-23-98	Continue reaming kelly in attempt to make connection (±5 fill). Make up 5' of subs on kelly. Ream and drill to 137'. Circulate clean. Pull out of hole. Change bit (#2). Run in hole. Ream and drill to 143'. Circulate clean. Pull out of hole. Change bit (#3). Run in hole. Ream and drill to 144' at midnight MW 8.9                  Vis 135                  WL NC
10-24-98	Ream to 144'. Drill to 165'. Repair rig's #2 pump. Drill to 229'. Pull out of hole. Change bit (#2RR). Run in hole. Drill to 497'. Circulate clean. Wipe hole to surface. Circulate clean. Survey (no good) at midnight. MW 9.0                  Vis 55                  WL 10.0
10-25-98	Pull out of hole. Lay down 6" DC's and bit. Rig up casing tongs and run 11 joints (499') of 7" 23# K-55 LT&C casing equipped with float shoe and 3 centralizers. Rig up B.J. cementers. Circulate casing clean. Cement casing shoe at 496' with 77 sx (145 ft3) of Type III cement + 3% SMS + .75% CD-32 + 1/4#/sk Celloflake + 1% CaCl2 followed by 75 sx (116 ft3) of Type III cement + 3% SMS + .75% CD-32 + 1/4#/sk Celloflake, drop plug and displace to shoe with 19.5 BBLs water. bump plug (float held), CIP at 3:30 AM with good returns throughout job (returned 1 BBL cement to surface). Wait on cement. Cut off conductor and casing. Grout around 7" casing from surface with cement. Weld on 7" SOW X 7-1/16" 3M casing head and test welds to 1200 PSI-OK. Nipple up BOPE and test CSO rams to 750 PSI-OK. Make up bit and BHA.

**Enerfin Resources Northwest**  
**"John Hancock" 22-27-64**  
**History of Oil or Gas Well**  
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10-25-98 (cont.)	Run in hole at midnight. MW 8.9                      Vis 70                      WL 14.0
10-26-98	Test BOPE and related equipment to 750 PSI-OK (witnessed and approved by Dennis Olmstead-DOGAMI). Circulate out cement contaminated mud and condition. Drill out cement and shoe. Circulate clean. Survey (.25°). Pull out of hole. Change bit (#4), and add stabilizer and jars. Run in hole to 120'. Repair rig's drawworks brake linkage. Finish running in hole to 497'. Drill to 716' (mud discharge line washed out). Pull out of hole to shoe. Wait on welder and repair mud line. Run in hole to 716'. Drill to 996'. Circulate and survey (.50° at 966'). Repair leak in union on mud line. Drill to 1,121'. Circulate and wipe hole to shoe. Drill to 1,152' at midnight. MW 9.1                      Vis 40                      WL 5.0
10-27-98	Drill from 1,152'-1,370'. Service rig. Drill to 1,431'. Circulate clean. Survey (.25°). Wipe hole 10 stands. Circulate for logger. Drill to 1,618'. Circulate for logger. Drill to 1,898'. Circulate clean. Wipe hole 12 stands. Circulate for logger. Drill to 2,211' TD at 11:30 PM. Circulate clean at midnight. MW 9.4                      Vis 38                      WL 4.6
10-28-98	Finish circulating clean. Survey (.25°). Wipe hole 6 stands. Circulate clean. Wipe hole to shoe. Circulate clean. Pull out of hole. Rig up Schlumberger (SWS) and run "Platform Express" with AIT/DSN/CDL/BHC/GR from 2,209'-496', rig down SWS. Run in hole to 2,211'. Circulate clean. Pull out of hole laying down DP to 1,900'. Circulate (unload and measure casing). Pull out of hole laying down DP and BHA. Rig up tongs and run 61 joints (1,901.06') 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 B.J. cement head. Circulate and reciprocate casing, and wait on cementers at midnight. MW 9.4                      Vis 38                      WL 4.6
10-29-98	Circulate and reciprocate casing, and wait on cementers. Rig up B.J. cementers. Cement casing shoe at 1,897' (latch down seat at 1,864') as follows: pump 20 BBLs Mud Clean ahead, mix and pump 63 sx (119 ft3) of Type III cement + 3% SMS + .75% CD-32 + .25#/sk Celloflake mixed at 13 PPG followed by 129 sx (171 ft3) of Type III cement + 5% KCL + 1% FL-62 + .3% CD-32 + 3% EC-1 + .12% FP-6L + 3% BA-58 mixed at 14.8 PPG, wash out lines, drop plug and displace to seat with 10-1/2 BBLs lease water, bump plug (float held), CIP at 4:30 AM with good returns to surface throughout (calculated TOC at 171'). Set casing in slips as cemented. Nipple down BOPE. Clean mud pits and release rig at 11:00 AM.
11-06-98	MIRU Taylor Drilling workover Rig #1. Pull casing slips and replace with correct ones. Cut off 2-7/8" casing to accommodate 7-1/16" 3M X 2-9/16" 3M production tree. Secure rig.
11-08-98	Install 7-1/16" 3M X 2-9/16" 3M production tree and test to 750 PSI-OK. Rig up SWS and run ND/CBL/CCL from 1,850'-400' (log showed excellent bonding throughout with TOC at 430'), rig down SWS. Rig up swab equipment and swab well to 300', rig down swab. Secure rig.
11-09-98	Wait on SWS perforating module replacement to arrive from Portland Airport (6 hours). 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 1,704'-1,710', rig down SWS (0 SICP). Rig up swab equipment, run in hole with swab (fluid level at 300'), and swab well to 550' in 1 run (well began to flow). Flow well to sump to unload fluid. Shut well in (590 SICP). Rig down swab equipment. Flow well to atmosphere thru flare stack as follows: 1370 MCFD rate with 550 FCP on 20/64ths choke, 876 MCFD rate with 580 FCP on 16/64ths choke, 489 MCFD rate with 595 FCP on 12/64ths choke, 213 MCFD rate with 600 FCP on 8/64ths choke. Shut well in (600 SICP). Rig down hoist and move off location.