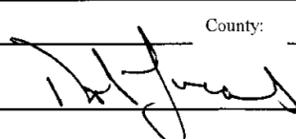


STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

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	"Columbia County"	41-06-65 RD #1
(Company or Operator)	(Lease)	(Well No.)
Sec. <u>6</u> T <u>6N</u> R <u>5W</u>	Surveyed Coordinates:	
SHL= <u>NE 1/4 of NE 1/4 of Sec. 6 (501.46' S47°03'09"E from the Southwest corner of Sec. 32, T7N-R5W)</u>		
BHL= <u>265.90' North and 63.90' East of SHL at 2,970' (2,953.60' TVD)</u>		
Wildcat: <u>NA</u>	(or) Field Name: <u>Mist Gas</u>	County: <u>Columbia</u>
Signature: 		
Date: <u>January 25, 1999</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	Operations
12-18-98	Circulate and condition mud. Pull out of hole. Wait on directional engineer at midnight. MW 9.0/67 Vis 37 WL 6.1
12-19-98	Wait on directional engineer. Make up mud motor and monel. Run in hole to 580'. Drill to 610'. Circulate and survey. Orient mud motor and directionally drill to 733' at midnight. MW 9.0/67 Vis 39 WL 6.2
12-20-98	Drill from 733'-795'. Circulate and survey. Drill to 826'. Circulate and survey. Drill to 857'. Circulate and survey. Drill to 982'. Circulate and survey. Pull out of hole. Lay down mud motor, change jets in bit, and make up new rotating BHA to hold angle. Run in hole. Drill to 1,034'. Circulate and survey. Drill to 1,128'. Circulate and survey. Drill to 1,250'. Circulate and survey. Wipe hole 5 stands at midnight. MW 9.0/67 Vis 37 WL 6.1
12-21-98	Drill from 1,250'-1,374'. Circulate and survey. Drill to 1,530'. Circulate and survey. Wipe hole 5 stands (4K spot drag). Drill to 1,747'. Circulate and survey. Wipe hole 6 stands. Drill to 1,841'. Circulate and survey. Drill to 1,935'. Circulate and survey. Drill to 1,966'. Circulate clean. Pull out of hole for mud motor at midnight. MW 9.0/67 Vis 38 WL 4.8
12-22-98	Finish pulling out of hole (staged out due to freezing conditions). Lay down stabilizers, change jets in bit, and pick up mud motor. Run in hole to 1,935' (staged in hole due to freezing conditions). Ream to 1,966'. Drill to 1,974'. Circulate and survey. Orient mud motor and drill with mud motor to 2,068'. Circulate and survey. Drill to 2,193'. Circulate and survey. Drill to 2,224'. Circulate clean. Wipe hole 5 stands. Drill to 2,348'. Circulate and survey. Drill to 2,400' at midnight. MW 9.3/69 Vis 38 WL 4.9
12-23-98	Drill from 2,400'-2,472'. Circulate and survey. Drill to 2,629'. Circulate and survey. Wipe hole 7 stands. Drill to 2,641' (mud motor failed). Pull out of hole. Operate BOPE, break bit and change jets, lay down mud motor, and make up new BHA to hold angle. Run in hole. Drill to 2,762' at midnight. MW 9.3/69 Vis 38 WL 4.4
12-24-98	Drill from 2,762'-2,865'. Circulate for logger. Drill to 2,970' TD at 7:00 AM. Circulate clean. Survey. Wipe hole 10 stands. Circulate clean. Resurvey. Circulate clean and raise mud weight to 9.8 PPG due to high trip and background gas. Pull out of hole. Break bit and lay down monel. Rig up Schlumberger and run AIT/DSN/CDL/BHC/GR from 2,950'-531', rig down Schlumberger. Make up bit

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12-25-98	and BHA. Run in hole to 2,927'. Attempt to circulate with no success (jets plugged). Pull out of hole at midnight. MW 9.8/73 Vis 38 WL 4.8 Unplug jets in bit and pull 2 jets. Run in hole to 2,927'. Ream to 2,970'. Circulate clean (measure 2-7/8" casing). Pull out of hole laying down DP and BHA. Rig up casing tongs and run 95 joints (2,969.79') of 2-7/8" 6.5# J-55 EUE casing equipped with float shoe, latch down plug seat, and 25 centralizers. Circulate casing and rig up BJ cementers. Cement casing shoe at 2,968' (latch down plug at 2,937') as follows: pump 18 BBLs mud flush ahead, mix and pump 80 sx (27 BBLs) of Type III cement + 3% SMS + .75% CD-32 + .25#/sk Celloflake followed by 90 sx (26.5 BBLs) of Type III cement + 5% KCL + 1% FL-62 + .3% CD-32 + 3% EC-1 + 3% BA-58, washout lines, drop plug, and displace to seat with 17 BBLs 2% KCL water, bumped plug (float held), CIP at 3:15 PM with good returns throughout job (calculated TOC at 1,184'). Secure rig and close well in.
12-30-98	Resume operations. Set casing in slips as cemented. Clean mud pits and release rig at 4:00 PM.
01-15-99	MIRU Taylor Drilling workover Rig #1. Cut off 2-7/8" casing. Install 7-1/16" 3M X 2-9/16" 3M production tree and test to 750 PSI-OK. Rig up Schlumberger Wireline Service (SWS) truck and run NDL/CBL/CCL from 2,909'-1,300' (log showed good bonding across interval of interest with TOC at 1,386'), 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 2 planes from 2,832'-2,837', rig down SWS (0 SICP). Secure rig and close well in for night (CWIFN).
01-16-99	Open well (0 SICP). Rig up swab equipment and swab well to 600' (well began to flow). Flow well to pit to unload fluid. Shut well in (1006 SICP). Open well on 16/64ths choke for beginning of 3 point test (unable to establish rate due to choke freezing). Shut well in. Install methanol pump and pressure recorder. Open well (1026 SICP). Flow well thru flare stack for 3 point test and record the following pressures and rates: 937 FCP with 1402 MCFD rate on 16/64ths positive choke, 945 FCP with 770 MCFD rate on 12/64ths adjustable choke, and 970 FCP with 342 MCFD rate on 8/64ths adjustable choke. Shut well in and install positive choke (1000 SICP). Open well to flare stack for 48 hour test on 12/64ths positive choke with an initial rate of 790 MCFD and 970 FCP.
01-17-99	Continue 48 hour flow test on 12/64ths positive choke with 900 FCP and 734 MCFD rate after 24 hours (pressure declining ~3 PSI/hour).
01-18-99	Continue flow test on 12/64ths positive choke with 870 FCP and 710 MCFD rate after 48 hours (pressure declining ~1 PSI/hour for latest 24 hour period).
01-19-99	Continue flow test on 12/64ths positive choke with 847 FCP and 692 MCFD rate after 72 hours (pressure declining <1 PSI/hour for latest 24 hour period).
01-20-99	Continue flow test on 12/64ths positive choke with 829 FCP and 677 MCFD rate after 96 hours (pressure declining .75 PSI/hour for latest 24 hour period). Shut well in after 98 hours flow with a final rate of 675 MCFD and 827 FCP (873 SICP after 1 hour).