

**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
(Company or Operator)	(Lease)	(Well No.)
Sec. <u>6</u> <u>T</u> <u>6N</u> <u>R</u> <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= _____		
Wildcat: <u>NA</u>	(or) Field Name: <u>Mist Gas</u>	County: <u>Columbia</u>
Signature: 		
Date: <u>January 11, 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

- 12-11-98 MIRU Taylor Drilling Rig #7 on 12-10-98 and finish rigging up on 12-11-98. Weld on conductor, take on fresh water, and mix spu mud. Spud 9-7/8" hole at 9:30 PM. Drill to 69' at midnight.
MW 8.6/64 Vis 45 WL NC
- 12-12-98 Drill from 69'-532'. Circulate clean. Survey (.5°). Wipe hole to surface. Circulate clean. Pull out of hole (lay down 6" DC's). Rig up tongs and run 12 joints (534.87') of 7" 20# J-55 ST&C casing equipped with float shoe and 3 centralizers. Rig up BJ cementers and circulate casing. Cement casing shoe at 531' as follow: pump 20 BBLs water ahead, mix and pump 70 sx (132 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 21.5 BBLs water, bumped plug (float held), CIP at 7:00 PM with good returns throughout job (returned approx. 1 BBL cement to surface). Wait on cement. Cut off conductor and casing at midnight.
MW 8.7/65 Vis 47 WL NC
- 12-13-98 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 new bit (#2), and BHA. Run in hole to ~500'. Test BOPE and related equipment to 750 PSI-OK (witnessed and approved by Dan Wermiel-DOGAMI). Drill out cement and shoe. Drill 6-1/4" hole to 563'. Circulate and condition mud. Drill to 780'. Circulate clean. Wipe hole to shoe. Drill to 873' at midnight.
MW 8.8/66 Vis 39 WL 5.9
- 12-14-98 Drill from 873'-999'. Circulate clean. Wipe hole to shoe. Drill to 1,278'. Circulate clean. Survey (.75°). Wipe hole 10 stands. Drill to 1,463'. Wipe hole to shoe. Drill to 1,651' at midnight.
MW 9.0/67 Vis 38 WL 5.8
- 12-15-98 Drill from 1,651'-1,745'. Circulate clean. Wipe hole 10 stands (2-4K spot drag). Drill to 1,994'. Circulate clean. Survey (3.5°). Wipe hole 10 stands. Drill to 2,243'. Wipe hole 10 stands. Drill to 2,429' at midnight.
MW 9.0/67 Vis 38 WL 5.7
- 12-16-98 Drill from 2,429'-2,461'. Circulate clean. Wipe hole 10 stands. Drill to 2,646'. Circulate clean. Survey (3°). Wipe hole 10 stands (5-10K spot drag and swabbing). Drill to 2,956'. Wipe hole 10 stands. Drill to 2,975' TD at 10:30 PM. Circulate clean. Wipe hole to shoe at midnight.
MW 9.4/70 Vis 37 WL 5.7

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- 12-17-98 Finish wiping hole to shoe. Attempt to circulate (jets plugged). Pull out of hole. Unplug jets in bit. Run in hole to 2,905'. Ream to 2,975'. Circulate clean. Drop survey, and pull out of hole. Rig up Schlumberger and run AIT-BHC-GR from 2,953'-531'. rig down Schlumberger. Run in hole to shoe with open ended DP. Wait on cementers. Run in hole to 684'. Rig up BJ cementers and equalize 55 sx (73 cft) of Type III cement + 5% KCL + 1% FL-62 + .3% CD-32 + 3% EC-1 + 3% BA-58 mixed at 14.3 PPG (CIP at 6:00 PM). Wait on cement (lay down excess DP and BHA) at midnight.
MW 9.2/69 Vis 38 WL 6.0
- 12-18-98 Wait on cement. Make up bit and BHA. Run in hole and locate TOC at 285'. Clean out soft cement to 344'. Drill out cement to 580' (KOP).
MW 9.0/67 Vis 37 WL 6.1

COMMENCE "COLUMBIA COUNTY" 41-06-65 RD #1