

FEB 16 2007  
 11:44

APPLICATION TO DRILL OIL OR GAS WELL  
 STATE OF OREGON • DEPT OF GEOLOGY & MINERAL INDUSTRIES • 229 BROADALBIN ST SW • ALBANY OR 97321

(In compliance with rules and regulations pursuant to ORS 520.)

(1) Permittee Information

(2) Well Information

Name	Enerfin Resources Northwest LP <i>277</i>
Mailing Address	5100 California Ave., Suite 226
City/State/Zip	Bakersfield, CA 93309
Telephone	(661) 323-8988
Fax	(661) 323-8153
Email	pmorgan@enerfin.com
Prepared by	Peggy Morgan
On Site Contact	Steve Garnett
Phone (day)	(503) 755-2010
Phone (night)	(503) 762-2062
Other	(360) 431-5281 (cell)

County	Columbia
Lease	Columbia County
Well No.	CC 23-29-75 (Horseshoe) ID 535 <i>API 36-009-00353</i>
Location	1/4 SW S 29 T 7N R 5W
Wildcat or Field	Mist Gas Field
Elevation	880'
Surveyed SHL coordinates; include BHL for directional wells	2258' E and 2362' N from the SW corner Section 29
Geologic Objective	Clark & Wilson Sand (C&W)
Proposed Depth	2630'

*Peggy Morgan*  
 Signature

West Coast Land Manager  
 Title

February 5, 2007  
 Date

(3) Lease/Ownership (if other than applicant)

	Lessor (mineral owner) <i>277</i>	Surface Owner <i>277</i>	Lessee <i>277</i>
Name	Columbia County	Claruth, Franbea, Wilna	Enerfin Resources Northwest LP
Mailing Address	Courthouse, 230 Strand, Room 318	1323 NE Orinco Station Prkwy, Ste 310	5100 California Avenue, Suite 226
City/State/Zip	St. Helens, OR 97051	Hillsboro, OR 97124	Bakersfield, CA 93309
Telephone	(503) 397-3839	(503) 726-5300	(661) 323-8988
Fax	(503) 366-3925	(503) 726-5308	(661) 323-8153
Email	zemaitc@co.columbia.or.us		pmorgan@enerfin.com

(4) Proposed Well Design (use additional sheets if necessary)

Size of hole	Size of Casing	Weight (pounds per foot)	Grade/Type	Depth	Type and Amount of Cement	
25"	12"			40'	Surface pour	bbls.
9-7/8"	7"	23#	J55-ERW	500'	Portland Type A	32 bbls.
6-1/4"	2-7/8"	6.5#	J55- EUE	2630'	Portland Type A	60 bbls.
						bbls.

(5) Slurry Design for each String (use additional sheets if necessary)

String 1	Annulus height	HT. left in casing	Excess	Density	String 2	Annulus height	HT. left in casing	Excess	Density
Tail	500 ft.	400 ft.	6 bbls.	14.0 ppg.	Tail	1500 ft.	30 ft.	12 bbls	14.0 ppg.
Lead	ft.	ft.	bbls.	ppg.	Lead	ft.	ft.	bbls	ppg.

(6) Geologic Information - if known (use additional sheets if necessary)

	1	at	2	at	3	at
Assumed fracture gradient of rock vs. depth	psi/ft	ft.	psi/ft	ft.	psi/ft	ft.
Pore gradient of rock vs. depth (if known)	psi/ft	ft.	psi/ft	ft.	psi/ft	ft.