0&G: 429

API: 36-009-00258

STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES 910 State Office Building Portland, OR 97201

APPLICATION FOR PERMIT TO DRILL AN OIL OR GAS WELL

(To be accompanied by a \$100 permit fee, a surety bond conditioned as provided by law, and evidence of mineral rights ownership or lease.) This application becomes a permit to drill when signed and dated by DOGAMI in box below.

In compliance with rules and regulations pursuant to QRS 520, application is hereby made for permit to drill (a gas will) to be known as D Y OIL, INC. (Lease) (Lease) (Well NG.) (in SW Y4 of Sec. 8 , I. 5N , R. 4W M.8.8M. Directional? No X yes Survey Coordinates: 2,210' East and 1,240' North of SW corner wildcat: (or) Field Name: MIST FIELD county: COLUMBIA flevation of ground above sea level is 1,080 feet. All depth measurements are taken from the Kelly Bushing which is 11,4 feet above ground. essor (flineral Owner): Columbia County / Land Development Services for different Owner: Cavenham Forest Industries, Inc. (Cavenham Forest Industrie	below.					
(company or operator) (continued) (continu	In complian	ce with rule	s and regulations pur	suant to ORS 520, applic	cation is hereby ma	de for permit to drill
in SW	(a gas well) (an oil wel) 1) to be kno	wn as <u>DYOIL, I</u>	NC.	ARCO	BURRIS CC 24-8
Survey Coordinates: 2,210' East and 1,240' North of SW corner Wildcat:						
### MIST FIELD County: COLUMBIA County: COLUMBIA County Columbia County Columbia Colum						tional? No ^ Yes
the Kelly Bushing which is	Survey Coor	dinates: 2 ,	210' East and 1,	240' North of SW	corner	
the Kelly Bushing . which is 11.4 feet above ground. essor (Nineral Owner): Columbia County / Land Development Services Courthouse, St. Helens OR 97051 urface Owner: Cavenham Forest Industries, Inc. Coddress: 62424 Nehalem Hwy N, Vernonia OR 97064 ddress: Arco Oil & Gas Company Coddress: P O Box 147, Bakersfield CA 93302 We propose to use the following strings of casing and to land or cement them as herein indicated: Size of Size of Neight in pounds per foot Grade/Type Depth Amount of cement 12 1/4" 8 5/8" 24# K-55 300' 125 sx 7 7/8" 5 1/2" 12# K-55 3,000' 375 sx Uff X Geologic Objectives Clark & Wilson Sand Proposed Depth 3,000 Company/Operator D Y OIL, INC. / Signature Date 05-18-89 Signature Date 05-18-89 SEND MELL COMMUNICATION TO: Duane Leavitt Name Duane Leavitt Address 538 N 68th Place Springfield OR 97478 Phone 747-4236 (Day) 726-4088 (Night	Wildcat:	(or)	Field Name:	MIST FIELD	County:	COLUMBIA
Courthouse, St. Helens OR 97051 Cavenham Forest Industries, Inc. Cavenham Forest Inc. Cavenham Forest Inc. Cave	Elevation o	f ground abo	ve sea level is $\underline{}$	<u>,080</u> feet. All dept	th measurements are	taken from
dress: Courthouse, St. Helens OR 97051 urface Dwner: Cavenham Forest Industries, Inc. ddress: 62424 Nehalem Hwy N, Vernonia OR 97064 essee: Arco Oil & Gas Company ddress: P O Box 147, Bakersfield CA 93302 We propose to use the following strings of casing and to land or cement them as herein indicated: Size of Size of hole casing per foot Grade/Type Depth Amount of cement 12 1/4" 8 5/8" 24# K-55 300' 125 sx 7 7/8" 5 1/2" 12# K-55 3,000' 375 sx Clark & Wilson Sand Proposed Depth 3,000 Company/Operator D Y OIL, INC. Signature Position Agent Date 05-18-89 SEND MELL COMMUNICATION TO: Name Duane Leavitt Address 538 N 68th Place Springfield OR 97478 Phone 747-4236 (Day) 726-4088 (Night	the Ke	11y Bushi	ng	, which is <u>11.4</u>	feet	above ground.
dress: Courthouse, St. Helens OR 97051 urface Dwner: Cavenham Forest Industries, Inc. ddress: 62424 Nehalem Hwy N, Vernonia OR 97064 essee: Arco Oil & Gas Company ddress: P O Box 147, Bakersfield CA 93302 We propose to use the following strings of casing and to land or cement them as herein indicated: Size of Size of hole casing per foot Grade/Type Depth Amount of cement 12 1/4" 8 5/8" 24# K-55 300' 125 sx 7 7/8" 5 1/2" 12# K-55 3,000' 375 sx Clark & Wilson Sand Proposed Depth 3,000 Company/Operator D Y OIL, INC. Signature Position Agent Date 05-18-89 SEND MELL COMMUNICATION TO: Name Duane Leavitt Address 538 N 68th Place Springfield OR 97478 Phone 747-4236 (Day) 726-4088 (Night	Lessor (Miner	ral Owner):	Columbia County	/ Land Developmen	nt Services	(b)
ddress: 62424 Nehalem Hwy N, Vernonia OR 97064 arco Oil & Gas Company ddress: P O Box 147, Bakersfield CA 93302 We propose to use the following strings of casing and to land or cement them as herein indicated: Size of size of hole casing per foot Size of casing per foot Size of hole casing per foot Size of size of look weight in pounds per foot Size of casing per foot Size of size of look weight in pounds per foot Size of casing per foot Size of size of look weight in pounds per foot Size of casing per foot Size of casing look weight in pounds per foot Size of casing look weight in pounds per foot Size of casing look weight in pounds per foot Size of casing look look look look look look look loo						
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Arco Oil & Gas Company ddress: P O Box 147, Bakersfield CA 93302 We propose to use the following strings of casing and to land or cement them as herein indicated: Size of hole	Address:		62424 Nehalem Hw	y N, Vernonia OR	97064	
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Size of hole casing Per foot Grade/Type Depth Amount of cement 12 1/4" 8 5/8" 24# K-55 300' 125 sx 7 7/8" 5 1/2" 12# K-55 3,000' 375 sx Geologic Objectives Clark & Wilson Sand Proposed Depth 3,000 Company/Operator D Y OIL, INC./ Signature Date O5-18-89 The July 1987 stipulations approved by the State Geologist are conditions of this permit. By Duna Zulux Dennis L Olmstead, Petroleum Engineer Depth Amount of cement Added Figure 125 sx Company/Operator D Y OIL, INC./ Signature Date O5-18-89 SEND WELL COMMUNICATION TO: Name Duane Leavitt Address 538 N 68th Place Springfield OR 97478 Phone 747-4236 (Day) 726-4088 (Night)	Address:		P O Box 147, Bak	ersfield CA 9330)2	
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Geologic Objectives Clark & Wilson Sand Proposed Depth 3,000 Company/Operator D Y OIL, INC./ Signature July 19 Position Agent Date 05-18-89 SEND WELL COMMUNICATION TO: Name Duane Leavitt Address 538 N 68th Place Springfield OR 97478 Phone 747-4236 (Day) 726-4088 (Night)	7 7/8"	5 1/2"	12#	K-55	3,000'	
Company/Operator D Y OIL, INC. Signature Lead Position Agent Date 05-18-89 SEND WELL COMMUNICATION TO: Name Duane Leavitt Address 538 N 68th Place Springfield OR 97478 Phone 747-4236 (Day) 726-4088 (Night)						<u>45%</u>
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Signature Signature Signature Position Date O5-18-89 SEND WELL COMMUNICATION TO: Name By Dunis L Olmstead, Petroleum Engineer Company/Operator B 1 OIE, INC. Signature Position Agent Date O5-18-89 SEND WELL COMMUNICATION TO: Name Springfield OR 97478 Phone 747-4236 (Day) Telephone 747-4236 Signature Position Address Send Well Communication to: Name Springfield OR 97478 Phone 747-4236 (Day) Telephone 747-4236 Signature Phone 747-4236						. 1
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By Dunis J. Olmstead, Petroleum Engineer Phone 747-4236 (Day) 726-4088 (Night	of this	permit.			530 N 60	th Place
Dennis I Olmstead, Petroleum Engineer Phone 747-4236 (Day) 726-4088 (Night	λ.	. 9	De la 1	Address		
	By DM	uis L				****
NOTE: (1) Issuance of this permit is not a finding of compliance with the Statewide Planning Goals or the acknow	Dennis L	. Ulmstea	ia, Petroleum Enc	<u>ineer</u> Phone <u>/4/-</u>	<u>-4/30 (Uay)</u> th the Statewide Pl	

OTE: (1) Issuance of this permit is not a finding of compliance with the Statewide Planning Goals of the acknowledged comprehensive plan. (2) Permit expires one year from date of issue. (3) Land use approval must be obtained from the county or city in which the drilling takes place. (4) Unless specifically exempted, permittee is obligated to comply with all current applicable statutes and rules including those adopted after permit issuance.