| | | STATE OF OPEGON | | REVISED PERMIT # | 383 |
|---|--|--|--|--|--------------------------|
| | | GEOLOGY AND MINERAL I | | | |
| (To be accompanied rights ownership or below. | APPLICATION FOR PER by a \$100 permit fee, a suret lease.) This application be | y bond conditioned as | provided by law. | and evidence of mineral dated by DOGAMI in box | |
| In compliance with | rules and regulations pursuar | | | | |
| | known as <u>Atlantic Ri</u> (Company or opera | | | | |
| in NE $\frac{1}{4}$ of Survey Coordinates: | of Sec. 9 , T | 6N , R. 5W 01.3' E of NE co | W.B.&M. Direct Top C&W rner BHL: 179 | tional? No Yes XX : 1950'S & 390' W of NE | of NE corner L corner |
| | (or) Field Name: <u>Mist G</u> Labove sea level is <u>767</u> | | | | |
| | lly bushing | | | | _ |
| Lessor (Mineral Owne Address: | r): Columbia County Columbia County C | | |)51 | |
| Surface Owner: | Longview Fibre Co | | | , | |
| | Atlantic Richfiel | d Company | | | _ |
| | 4550 California A he following strings of casin | • | - | | ÷ ¬ |
| Size of Size casin | | Grade/Type | Depth | Amount of cement | - |
| 12-1/4" 9-5, 8-1/2" 5-1, | | K-55_STC K-55_LTC | 450'(TVD) 2991'(TVD) 3150'(MD) | 890 sx | _ |
| | | | 3130 (FID) | | _ |
| | Clark and Hillan | Sand at 22071 mil | | | |
| Geologic Objectives Proposed Depth 3 | Clark and Wilson TMD, 2991' TVD | | ARCO Oil a | and Gas Company | _ |
| | | Signature <u>/</u> | wang U Tan | lantic Richfield Co Kwang U Park ling Superintenden | |
| DOGAMI Approved | , 19 | Date | gust 25,198 MUNICATION TO: | Ting Superintendent | TO |
| · | | Name Kw | ang U. Park (A | $\frac{ARCO)}{9} = \frac{1}{2} \frac{1}{2$ | <u>s 1987</u> 2 |
| Ву | | Bal | 0. Box 147 kersfield, CA | 93302 805-834-48 26/ (Nigl | griand |
| edged compret | of this permit is not a find nensive plan. (2) Permit exp m the county or city in which to comply with all current a | ing of compliance with ires one year from day | n the Statewide Pl te of issue. (3) lace. (4) Unless s | anning Goals or the ackno Land use approval must be pecifically exempted, per | swl- e rmittee |
| Form 1 (5-85) | | | | | |
| 046 # | 1383 | STATE OF OREGON | | RECEIVED-P7 | |
| API "; | DEPAKIMENT OF 910 State Office | GEOLOGY AND MINERAL I Building Portland, | NDUSTRIES OR 97201 | JAN 2 1 198 | |
| | | | | DEPT. OF GEOLOGY | , |
| (To be accompanied rights ownership or below. | by a \$100 permit fee, a sure · lease.) This application be | ty bond conditioned as ecomes a permit to dri | provided by law, Ill when signed and | and evidence of mineral d dated by DOGAMI in box | |
| • | rules and regulations pursual | | | | |
| | Atlantic Rich (Company or operator) of Sec. 9 , T. | | (Lease) | (Well No. | |
| Survey Coordinates: | 1980' S & 1980' | W of NE Corner | | | |
| Elevation of ground | (or) Field Name: Mist (distribution) Mist (dispersion) Mist (disp | feet. All depth | n measurements are | taken from | - - - |
| | bushing er):Columbia Count | | ±10' | above ground | • |
| Address: | Columbia Count | y Courthouse, St | | | |
| | Longview Fibre Company Main Office and Mills, | | | | |
| | atlantic Richfield Com 201 Stine Road, Baker | | | | |
| We propose to use t | the following strings of casi | | | | 7 |
| Size of Size hole casir | per foot | Grade/Type K-55 STC | Depth 450' | Amount of cement | |
| 12-1/4" 9-5/ 8-1/2" 5-1/ | | K-55 LTC | 2900' | 695 sx | _ |
| | | | | | _ |
| Geologic Objective | s Clark and Wilson a | at 2200' | | | |
| Proposed Depth | 2900' | | | and Gas Company tlantic Richfield C | <u>o.</u> |
| | RBS, 1201 | Position | | Kwang U. Park | |
| The July 1987 | stipulations approved | Date | MMUNICATION TO: | | - - |
| by the State of this permi | Geologist are condition to the condition to the condition to the condition of the condition | ons Name K | wang U. Park O. Box 147 | | |
| witness BOP t By Dunie | , I Olsustead | В | akersfield, C | | ght) |
| NOTE: (1) Issuance | stead. Petroleum Engir of this permit is not a fin- hensive plan. (2) Permit ex om the county or city in whic | ding of compliance wit | th the Statewide P | lanning Goals or the ackn Land use approval must b | nowl - |
| is obligated issuance. | i to comply with all current | applicable statutes a | nd rules including | those adopted after pem | nit |
| Form 1 (5-85) | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | · · · · · | STATE OF OREGON OF GEOLOGY AND MINERAL | | 1/67 | |
| | | fice Building Portlan PERMIT TO DRILL AN | | | 7.7 7.7 |
| rights ownership | ied by a \$100 permit fee, a su o or lease.) This application | urety bond conditioned | as provided by law | , and evidence of mineral | ar j |
| | ith rules and regulations pur | | | | and the second second |
| (a gas well) to | o be known as ARCO (Company.or of | Columbía (perator) | County (Lease) | 41-9-65 (Well No | .) |
| in N 1/2 | 4 of Sec. 9, T. tes: SHL: 427'5 and Clark + Wilson): 970's (or) Field Name: Mist | 6N, R. 5V | W.B.&M. Dire W GENRE S | ectional? No Yes X DC. 10, TGN, RSU | - - |
| | | | | | ~ |
| Elevation of gro | ound above sea level is 70 | | pth measurements ar | above groun | d. |

184

Lessor (Mineral Owner): dumbia County

Address: Main P.O. Box

We propose to use the following strings of casing and to land or cement them as herein indicated:

| Size of hole | Size of casing | Weight in pounds per foot | Grade/Type | Depth | Amount of cement |
|--------------|-------------------|------------------------------|----------------|-------|------------------|
| 12/4 | 95/8 | 36± | KSS, STC | 400' | 220 SY |
| 81/2 | 51/2 | 17# | K55, 1 TC | 3320' | 850 FX |
| | | | | | |
| | | | | | |
| | | | | | |
| | • | 10 ml = 1 111 | Llong Sand: 28 | 82'MD | 2300'TUD |

| Geologic Objectives Clark and Wilson | 2and: 2883, MD, 2200, 100 |
|--|---|
| Proposed Depth 3320'MD, 2700'T | |
| | |
| DOGA ay control or list of | Signature & Rank |
| Page 10 11 11 11 11 11 11 11 11 11 11 11 11 | Position District Drilling Superintendent |
| DOGA THE | Date 4/24/87 |
| perions for mil. | SEND WELL COMMUNICATION TO: |
| Choring I'm | Name K.U. Park |

NOTE: (1) Issuance of this permit is not a finding of compliance with the Statewide Planning Goals or 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. issuance.

Form 1 (5-85)