STATE OF OREGON

DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

910 State Office Building

304' South & 1769' East from the west quarter corner of Sec. 22, T6N, R5W

(Field Name): Al's Pool

permit when signed and dated by DOGAMI in the box below.

5 1/2" casing cemented with 102 sx of class "G" cement.

Oregon Natural Gas Development Corp.

3/26/96

R: 5W

(Company or Operator)

Sec. 22 T: 6N

Wildcat:

existing well.

OGMisc2a.for

Date:

Portland, OR 97201

Columbia

Position: Senior Operations Superintendent

CC 23-22-65

(Well No.)

MISCELLANEOUS APPLICATION

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

Columbia County

Signature:-

This form must be submitted unless verbal approval has been given. This application becomes a

Use this form for applications to redrill, deepen, rework, abandon, or any other proposed procedure on an

The present condition of the well, including complete casing record, is as follows:

8 5/8" Casing to 335'; 5 1/2" casing to 1577'; 2 3/8" tubing hanging at 1233.76'

(see attached 632-10-196 (K))

(Lease)

Surveyed Coordinate (if directional, BHL & SHL):

Sec. 22 T GN, R SW Surveyed Coordinates (if directional, BHL & SHL): FROM W. 4 CORNER, 304 S, 1769 E Wildcat:	Perforations at 1328'-1388' Following is a detailed account Perforate well with 1 11/16" three			from 1328'-13	388'	
Postton: Date: Sendor Operations Superintendent Date: Sendor Well Communications To: Todd A. Thomas Private Of Operations Operations Superintendent DEPARTMENT OF CORRECT DEPART	·	Comp	oany/Opera	tor; Oregon	Natural Gas	Development Corp.
SEND WELL COMMUNICATIONS TO: TODA A. THOMAS Phone: STATE OF OREGON DEPARTMENT OF GRILLOGY AND MINERAL INDUSTRIES BY: MINERAL APPROVAL FORM STATE OF OREGON DEPARTMENT OF GRILLOGY AND MINERAL INDUSTRIES BY: MINERAL APPROVAL FORM STATE OF OREGON DEPARTMENT OF GRILLOGY AND MINERAL INDUSTRIES BY: MINERAL APPROVAL FORM STATE OF OREGON DEPARTMENT OF GRILLOGY AND MINERAL INDUSTRIES BY: MINERAL APPROVAL FORM OR ORGANIC OR 97229 (Ma) No. 10 Congression of the Postual OR 97232 MINERAL APPROVAL FORM MINERAL INDUSTRIES MINERAL APPROVAL FORM (Ma) No. 10 Congression of the Well including of directional, Bill. & SHL.: FREM. W. 14 CORNICA. (Ma) No. 10 Congression with rules and regulations pursuants to ORS 520) (Ma) No. 10 Congression of the Well including of Mineral Miles of the proposed providers on an existing well. This form becomes a peritar when signed and duted by DOGAM in the box below. The present condition of the well, including complete casing record, is as follows: State Cash. 335', St. Cash. 1577', Park 1328-1348, 1348-1348, 1	DOGAMI Approved: Mar 2	Posit	ion:	Senior (Operations Su	iperintendent
Phone: Ph	BY: Dunis 2 Ohn	SENI	WELL COM	MMUNICATION A. Thomas	NS TO:	
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES 800 NO FORGORS SE #28 Portland, OR 97232 MISCELLANEOUS APPLICATION (In compliance with rules and regulations pursuant to ORS 520) OPSIGON NATURAL GAS DEN'T CC-23-22-65 COmpany or Operator) (Lease) (Nell No.) Sec. 22. T (6N., R. 5W.) Surveyed Coordinates (if directional, BHL & SHL): FROM W. *44 COPNER, 304'S, 1704'E Wildcat: (or) Field Name: MLST Country: Columbs APPLATED Dete: MAPCH 26, 1996 Signature: Jes this form for telephone applications to deepen, rework, abandon, or any other proposed procedure on an existing well. This form becomes a permit when signed and dated by DOGAMI in the box below. The present condition of the well, including complete casing record, is as follows: Signature: Signature: TO. 2025' CEM 1577', PERF. [328-1345, 1345-1345, 1						1
STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES 800 NO FORGON St. #28 Portland, OR 97232 MISCELLANEOUS APPLICATION (In compliance with rules and regulations pursuant to ORS 520) ORSGON NATURAL GAS PEN'T CC-23-22-65 COMPANY OF OPERATOR (Icase) (Well No.) Sec. 22. T. G.N., R. S.W. Surveyed Coordinates (if directional, BHL & SHL): FROM W. *44 COPNER, 304* S. 1769* E. Widcas: (Or) Field Name: MIST Country: Columbs March 26, 1996 Signature: Jes this form for telephone applications to deepen, rework, abundon, or any other proposed procedure on an existing well. This form becomes a permit when signed and dated by DOGAMI in the box below. The present condition of the well, including complete casing record, is as follows: SSM* CSM 335'; SSM* CSM 1577', PERF. [328-1345, 1348-1345, 1348-1345, 1348-1345] TO. 2028' TO. 2028' Following is a detailed account of proposed work: TEST INSECT GAS PURING 1996 TO MAY OF 900 PS: REDUCE INJECTION. PRESSURE IF POSSIBLE AFTER (a,000,000 FC) RETUCE INJECTION. DOGAMI approved MIRCH 24						
STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES 800 NO POTEGON S. #232 Portland, OR 97232 MISCELLANEOUS APPLICATION (In compliance with rules and regulations pursuant to ORS 520) PSSGON NATURAL GAS DEN'T CC-23-22-65 (Well No.) ESC. 22. T (EN., R. 5 W.) Surveyed Coordinates (if directional, BHL & SHL): FROM W. *44 CORNER, 304'S, 1769'E Wideat: (or) Field Name: MIST County: Columbia Signature: See this form for telephone applications to deepen, rework, abandon, or any other proposed procedure on an existing well. This form becomes a permit when signed and dated by DOGAMI in the box below. The present condition of the well, including complete casing record, is as follows: SSM' CSM 335', S'2'' CSM 1577', PERF. [328-1348, 1348-1348, 1348-1348, 1388', 1388', 1389-1408'. TD. 2028' TD. 2028' TO. 2028' DOGAMI approved MARCH 24 ,1978. DOGAMI approved MARCH 24 ,1978. DOGAMI approved MARCH 24 ,1978. Spacing Unit						
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DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES 800 NO FORGORS SE #28 Portland, OR 97232 MISCELLANEOUS APPLICATION (In compliance with rules and regulations pursuant to ORS 520) OPSIGON NATURAL GAS DEN'T CC-23-22-65 COmpany or Operator) (Lease) (Nell No.) Sec. 22. T (6N., R. 5W.) Surveyed Coordinates (if directional, BHL & SHL): FROM W. *44 COPNER, 304'S, 1704'E Wildcat: (or) Field Name: MLST Country: Columbs APPLATED Dete: MAPCH 26, 1996 Signature: Jes this form for telephone applications to deepen, rework, abandon, or any other proposed procedure on an existing well. This form becomes a permit when signed and dated by DOGAMI in the box below. The present condition of the well, including complete casing record, is as follows: Signature: Signature: TO. 2025' CEM 1577', PERF. [328-1345, 1345-1345, 1						
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MISCELLANEOUS APPLICATION (In compliance with rules and regulations pursuant to ORS 520) DESCON NATURAL GAS DEN'T (Lease) (Well No.) Size. 22 , T (N. R. S.W. Surveyed Coordinates (if directional, BHL & SHL): FROM W. '4 CORNER, 304' S, 1709' E Wideat: (or) Field Name: MIST County: Columbia A Signature: Joe this form for telephone applications to deepen, rework, abandon, or any other proposed procedure on an existing well. This form becomes a permit when signed and dated by DOGAMI in the box below. The present condition of the well, including complete casing record, is as follows: SEA' CEM 335'; S'2' CEM (S77', PERF. [328-1348, 1348-1348, 1348-1348, 1348-1348] TO. 2028' TO. 2028' Sollowing is a detailed account of proposed work: TEST INSECT GAS PURING 1994 TO MAY OF 900 PSI, PERMED IN PRESSURE IF POSSIBLE AFTER (a, 000, 000 ** C.S./day RATE IS PEACHED. DOGAMI approved MARCH 24 , 1954. DOGAMI approved MARCH 24 , 1954. Spacing Unit	-					AL AFFROVAL FORM
(In compliance with rules and regulations pursuant to ORS 520) OFFIGON NATURAL GAS DEN'T CC-23-22-65 (Well No.) 1000	Ĺ				RIES	
Company or Operator) (Lease) (Well No.) 100.					20)	
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Wildcat:	•		ctional, BHL &	SHL): FROM		
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This form becomes a permit when signed and dated by DOGAMI in the box below. The present condition of the well, including complete casing record, is as follows: Sty CEM 335; 5½" CEM (577', PERF. 1328-1348, 1348-1368, 1368 1388', 1394-1408'. TD. 2028' Following is a detailed account of proposed work: TEST INSECT GAS PURING 1996 TO MAX OF 900 ps; , REDUCE INJECTION PRESSURE IF POSSIBLE AFTER (2,000,000 ± cF/day RATE IS PEACHED.) DOGAMI approved MARCH 26, 1996 NOTIFY POGAMI FOR START OF INSECTION. Spacing Unit)ate: MARCH 26, 1996	Sig	nature:		<u> </u>	
The present condition of the well, including complete casing record, is as follows: 8	Jse this form for telephone applications to de	eepen, rework, abandon, o	r any other prop	osed procedure on	an existing well.	
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Following is a detailed account of proposed work: TEST INSECT GAS PURING 1996 TO MAX OF GOD PSI, REDUCE INJECTION PRESSURE IF POSSIBLE AFTER (Q,000,000 CS/day RMS IS PEACHED. DOGAMI approved MARCH 24, 1994 NOTIFY DOGAMI FOR START OF INSECTION. Spacing Unit	The present condition of the well, including of	complete casing record, is	as follows:			
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	DOGLASS AMARCH 2					
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	by Derris & Ofrico	feet_				

Rev. Nov.1, 1993