

NORTHWEST NATURAL GAS

CUSTOMER OREGON NATURAL GAS DEVELOPMENT CORP. WORK ORDER NO. 65504		DATE 11-29-90
LEASE/WELL NO. IW 33AC-3	CUSTOMER ORDER NO.	FILE NO.
FIELD MIST	COUNTY COLUMBIA	STATE OREGON
CASING O.D. 8.625	WEIGHTS(S) 32	NOMINAL WALL THICKNESS .352" GRADE K-55
TOTAL FOOTAGE INSPECTED 2594'	FROM SURFACE	TO 2594' DEPTH

SUBSTANCE CASING INTERPRETATION REPORT

Joint No.	Class			Comment	Joint No.	Class			Comment	Joint No.	Class			Comment
	2	3	4			2	3	4			2	3	4	
1					51					101				151
2	X			ODIP	52					102				152
3					53	X			ODIP	103				153
4					54					104				154
5					55					105				155
6	X			ODIP	56	X			ODIP	106				156
7					57	X			ODIP	107				157
8					58					108				158
9					59					109				159
10					60	X			ODIP	110				160
11	X			ODIP	61	X			ODIP	111				161
12					62					112				162
13					63					113				163
14					64					114				164
15					65					115				165
16					66					116				166
17					67					117				167
18					68					118				168
19					69					119				169
20	X			ODIP	70					120				170
21					71					121				171
22	X			ODIP	72					122				172
23	X			ODIP	73					123				173
24	X			ODIP	74					124				174
25					75					125				175
26					76					126				176
27					77					127				177
28					78					128				178
29					79					129				179
30					80					130				180
31					81					131				181
32					82					132				182
33					83					133				183
34					84					134				184
35					85					135				185
36					86					136				186
37	X			ODIP	87					137				187
38	X			ODIP	88					138				188
39					89					139				189
40					90					140				190
41					91					141				191
42					92					142				192
43					93					143				193
44					94					144				194
45					95					145				195
46	X			ODIP	96					146				196
47					97					147				197
48	X			ODIP	98					148				198
49					99					149				199
50					100					150				200