

UMAT 55441

55441

CITY OF HELIX #1
04N/33E-02CAC
4551101183923 01
AMES BALL COUPLER
IRRIGATION SYSTEMS
MYRES & JACUZZI
WATER SYSTEMS
WELL DRILLING

Moore & Anderson

WATER IS OUR BUSINESS

P. O. BOX 1036 1322 WEST PINE PHONE 2231
WALLA WALLA, WASHINGTON

Right on ^{NW-trending} fault on
Swanson's map
dike
down N. W. corner

LOG of WELL

1760'

	BOTTOM ALTITUDE	THICKNESS	DEPTH
Dirt	1734'	26 < 26	26 > TOPSOIL - ALVM
Clay & Gravel		146 < 27	532 PLUS
Clay & Rock	1688'	19	72
Gray Slanting - su JBG		46	118
Black, some water Stands at 40'		18	136
Red Rock		109' { 13	149
Brown Clay & Rock		26	175
Black Rock, Some Clay	1579	6	181
Blue Clay, Gravel, some Soapstone		13 { 11	192
Red Rock, Blue Soapstone	1566	2	194
Black Rock		52	246
Green Rock		76 { 3	249
Black, Clay Streak		21	270
Grey Clay, Gravel		34 { 28	298
Brown Clay, Rock	1456'	6	304
Brown Rock, Soapstone		78	382
Green Rock		23	405
Red Rock		4	409
Black Rock		498' { 26	435
Grey, Black		42	477
Red Clay		14	491
Grey, Black		42	477
Red Clay		14	491
Gray Black		41	532
Black, Green		68	600
Black, Soft		14	614
Black, Green	1068'	78	692
Boulders, Clay		152	844
Yellow Clay	WELL? FAULT GAUGE? 326	6	850
Black, Clay		88	938
Clay, Soapstone	742'	80	1018
Black		42	1060
Water dropped to 120' from surface			
Grey, Black		10	1070
Red Rock & Clay		6	1076
Grey, Black		177 { 90	1166
Water dropped to 175' from surface			
Grey		11	1177
Red		6	1183
Red w/gray		4	1187
Grey, Black	565'	8	1195

Finished 11-27-56

HMTL (radical thought)

MBTN - LOCAL INTERBED?

ELBG

FSPG

SWL 175

VNTG?

GDRD

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CITY of HELIX

Helix, Oregon

Started - Oct. 3, 1955

Finished - Nov. 27, 1956

Well is 10" in Diameter to 900 feet
Well is 8" in Diameter to 1195 feetCementing149' to 298'
380' to 532'
850' to 1076'PumpingWell Pumped 30 GPM at 260'
Well Pumped 70 GPM at 350'
Well Pumped 120 GPM at 450'
By Calculation 135 GPM at 480'
By Calculation 145 GPM at 500'
By Calculation 170 GPM at 550'Casing

10" Line Pipe to 92'

Pump Test

9 hours continuous

Finished 11-27-56

PUMP INSTALLATION RECORD

Customer - City of Helix

Town - Helix

State - Oregon

Pumping Level - 600'

Installation Date 5-24-57

Total Price - \$4963.30

Installed by - Gordon Hart and Bruce Frazie

Pump no. (Reda Submersible) # 63215

Dia. Drop Pipe - 4"

Length Drop Pipe - 600'

Dia. Well Pipes - 4"

Length Offset Pipes -23'

Dia. Offset Pipes - 4"

Size Motor - 30 HP.

Type Current - 40 Amp. 3 Phase Pump

Remarks - 440 Volt, 1/4" Air Line, 4" Check Valve used

Moore & Anderson
By [Signature]