

UMAT 54033
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CITY OF ATHENA
WELL NO. 1 LOG

RECEIVED

MAR 14 1949

STATE ENGINEER
SALVATORE J. JENI

T-4N R-35E Sec 19
1/2 1/2 1/2 1/2

Character of Material	Depth at which encountered (Feet)	Thickness of stratum (Feet)
Soil	Surface	25
Broken rock	25 -82	57
Gray basalt	82-144	62
Brown Basalt	144-195	51
Gray basalt	195-250	55
Conglomerate	250-350	100
Gray basalt	350-395	45
Black basalt	395-430	35
Basalt	430-499	69
Black basalt	499-520	21
Gray basalt	520-580	60
Broken rock	580-650	70
Gray basalt	650-680	30

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APP
 Application No. U-144
 Permit No. U _____
 Well No. 1

REPORT ON COMPLETION OF WELL

(Note: This report should be submitted to the State Engineer, Salem, Oregon, as soon as possible after the well is completed. If more than one well is covered by this permit, a separate report shall be filed for each)

Date of Report _____, 19__

1. Location of well: _____ of Section _____ Twp. _____ Rge. _____, W. M.
2. Name of nearest natural surface stream _____
3. Distance from well to that stream: _____ feet.
4. If the well is less than 1300 feet from a natural surface stream, give the difference in elevation between the ground surface at the well and the lowest point in stream channel: _____ feet.
5. Date of beginning drilling or digging _____ 1935
6. Date well was completed _____ 1935

7. LOG OF MATERIALS ENCOUNTERED

Character of Material	Depth at which encountered	Thickness of stratum
	At surface	ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.
Remarks: <u>Well flowed 15 G. P. M. Pumped 250 G. P. M.</u>		

WELL INFORMATION

8. Diameter of well 12" inches. Depth of well 680 feet.
9. Depth at which water was first encountered _____ feet.
10. Water level when completed: _____ feet below ground surface.
11. Additional information regarding well; such as soil conditions, quick sand, caves, obstructions, rock, etc.: _____

UMAT 54033

Athena City #1
Well name

Index number -- 27-J
4N-35E-19-K

File number
(Code: Tp., R., Sec., & Sec.)

LOCATION:

Umatilla County

Unmapped Quadrangle

4N 35E 19 NW 1/4 of SE 1/4
Tp. Range Section Fractional section

D	C	B	A
E	F	G	H
M	L	K	J
N	P	Q	R

STATISTICS:

Well type-Dug	Elevation (land surface)	Use status-domestic*	Well status-
Drilled <input checked="" type="checkbox"/>	_____ ft.	_____	abandoned _____
Driven _____	above _____	industrial _____	dry hole _____
Final depth 680'	below _____	irrigation _____	producer <input checked="" type="checkbox"/>
		municipal <input checked="" type="checkbox"/>	

*includes stock wells

City of Athena
Owners name
Address

A. A. Durand & Son
Original drillers name
Address Walla Walla, Washington

Date of drilling 1935

This record compiled by N.S.W. from data secured from the following sources:

Deepened _____
re-cased _____
cleaned _____ by _____

Driller and City Water Master

Date compiled January 1948

Date _____

Material	Thickness (feet)	Depth (feet)	Remarks
Soil	25	25	Casing
Broken rock	57	82	82' of 12" pipe
Gray basalt	62	144	
Brown basalt	51	195	Flowed 15 g.p.m.
Gray basalt	55	250	Pumped 250 g.p.m.
Conglomerate	100	350	
Gray basalt	45	395	Stopped flowing according
Black basalt	35	430	to city water supt., after
Basalt	69	499	pumping operations were
Black basalt	21	520	commenced on the #2 well.
Gray basalt	60	580	
Broken rock	70	650	In practice has been pumped
Gray basalt	30	680	75 g.p.m. 24 hours per day
			with a drawdown to 65-70'
			during winter. Used only in
			winter.