Well Information-Drift Wells





Layne-Western Company, Inc.

WATER SUPPLY CONTRACTORS

705 SO. DUFF AVE.

AMES, IOWA 50010

		Phone	515 232-3563				
Name of Job	City of Alta	a	ria olaria l	Sundatoria an	Date 12	/09/87	7
City or Village	Alta		908	Shally sandab	StateIov	va of	60%
Well No.: 5	Drillers:	Wade Stockt	on, Jerry I			Dean	Heldt
Well Location:					422 432	0/	_corner o
Section, Tv				rotalines The	438	- (4)	_County.
Otherwise located a	s approximatel	y 200' W. of	old well,	1st and Lake	Street		DO A
				SUBIC	244	_ 0/ _	9.7
Work Began:All_n	W neasurements mad	ork Completed	1: 11/30/8	Well Dep	oth: 56	53'	442
Casing Record:	neusurements mau	e from existif	ig ground lev	rei at time well	was drille	d.	
Amount Dia.	Wt. or Thickness						
465.5 12"	.375	steel	_with_weld	joints from_	+2.5'	to _	463'
<u> </u>			_with	joints from_	476	to _	470
Screen Record: T	ype shutter						
Amount Dia. 100' 12	Opening .040	Material stainless s	steel weld	djoints from_	463	_ to _	563
			_with		592		493
Type of Seel at Bett	welded sta	inless steel		joints from_	526	to _	502
Type of Seal at Botto	m werded bed	HILCOS SCCCI		Cravian sund	540	01	526
Hole Record:							
34"	inch from	0	to	9			
30"	inch from	9	to	565	502		
Gravel Pack Record:			alistone, (b				
Amount	Size	So	urce	F	rom		To
32T	#1	Northern Gr	avel	min ese 1.4	20'	mu 5	565'
287	249/67 - 12/09	nt Dated	ndi annil ree'l	ne. See Wall	24-	Jest l	o depusal
Cementing Record:_	4,000# mix fro	om 0 to 26'	7 yrds.			-	HEMAHI
Trecord.	Balo	id 02 yrdanu		de to 431 g.p	puno hac	ttled	onil
Backfill Record:	5' Bentonite	seal from 41	5-420, clay	y and Bentoni	te from 2	26' to	415'

WELL LOG

02636		WELL LOG
Feet	Feet	Description
0 to	1	Parking lot surface
to	398	Blue and brown, yellow clays, some sand and gravel, some boulders and cobbles. See driller's notebook
398_to	405	Sandstone and shale streaks
405 to	408	Shaly sandstone
408 to	421	Broken rock and sandstone
421 to	422	Rock
422 to	432	Whitish gray shale
432 to	438	Buff sandstone
438 to	442	Shale
442 to	454	Rusty Sandstone
454 to	457	Hard sandstone house authors and about the months on UA
457 to	458	Shale and sandstone
458 to	470	Grayish sandstone discussion and the sandston
470 to	476	Shale and sandstone
476 to	481	Buff sandstone Teaming
481 to	493	Grayish sandstone
493 to	502	Rusty buff sandstone
502 to	526	Sandstone and some shale
526 to	540	Grayish sandstone
540 to	550	Sandstone, trace of shale
550 to	563	Grayish medium sandstone
563 to	565	Shale and sandstone, (bottom of hole)
to _	EEE	Amount Sixo Source Pr
Well Test Data	: Static I	Level 329; pumping level 373 after 20 hours pumping at 557 g.p.n
Length of test	24	hrs. See Well Test Data Sheet Dated 12/08/87 - 12/09/87
REMARKS:		Communiting Seconds: 4,000\$ mix from 0 to 26' 7 yeds.
Throttled	pump ba	ack to 431 g.p.m. after pumping 20 hours