## Layne-Western Company, Inc.

WEET RE	<b>T</b> A	4 🖷
Well	Mior	mation
		Omaha Nahracka

Contract Miss	ouri Valley	uu suummuunna mankkab 48 tununa ( ud soo 201 * 922 CF	Date	<u>3-31-87</u>	Well
City and State Mis	souri Valley,	Iowa	Driller Tom	Payton	
Well No. 87-1	at test hole No	Well location (a	attach map)		
	٥ ، ١٩٩٥ و ١	1979 8-0-0 ( *** ** marks 1000 marks 1 marks 1 a 4000 care			·
Work completed	3-30-87	No of man hours	as charged to job on	time sheet	<del></del>
MATERIAL:	LENGTH DIA.	GAUGE OR WALL THICKNESS	MATERIAL	TYPE	NO. OF OPENING
Screen	20' 12"	4-1	<u>S.S.</u> <u>v</u>	vire wrap	60
Inner Casing	80' 12"	.375	Steel		
Outer Casing					
tons of gra	vel used in the well. Siz	Road	······································		
Test of well. Did yo	ou use test or permanen	t pump? Test	10'' Size of Bo		4 Stages
Size of orifice	inch by	inch. Orifice tube reading	ngin	ches.	
Pumping test — me	easurements from groun	d level:			
TIME	G.P.M.	STATIC	DRAWDOWN	PUMPING !	LEVEL
	******************		***************************************	9914P944M41949ABP	
<del></del>	44-m		***************************************	***************************************	
<del>*************************************</del>	4 54 4 44 AG 46 AG TOO BETTE TETTE OF	***************************************	** ***********************************		
\$44 <u>1110 1110 1110 1110 1110 11</u> 10 1110 11	***************************************		0 + 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	***************************************	P44 20 20 20 21 21 21 21 21 21 21 21 21 21 21 21 21		
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
	:tes				
Did you seel better	n of well? <u>Yes</u> Th	ickness 3/16inches	material stain1	ess steel	
	From				
	t placed at bottom, stat				
	toleet; from		feet: from		fe
	ground level to top of p				
	around or between any	,			
	now much and method t				
at so, sease where, h		1904			
·					

## Layne-Western Company, Inc. Well Information Omaha, Nebraska

Page 2

Well No. 87-1 Missouri Valley, lowa

ract	PITSSUULT	Valley, 10wa Well No.		
f well fi	rom ground level:			
Foot Foot		Formetion		
· · · · · · · · · · · · · · · · · ·				
	to18			
	<b>to</b> 29	Silty clay		
29	to	Gray sandy clay		
3.8	<b>w</b> 72	Gray clay		
72	<b>to</b> 97	Coarse , medium and fine buff sand		
97	<b>to</b>	Limestone		
······································	to			
	to	b		
water-manage	to			
	to			
	to			
	to			
	to			
••••••	to			
•••••	to	•		
-		971 Depth		
		40 * Gravel Pack 50 * 10 * Ctay Pack Cement		
0. 0.0.4	** 0 4 4** a 1 * a 4	Port of the Burney of the Alexander of the Community of the Alexander of the Community of t		
0 0				
		80'		
	20'	Screen Casing		
<b>-</b>				
1				