

WELL HEADER RECORD

278

=====  
 County Number 84 Well Number 21234  
 Latitude 431237 Longitude 961705 Accuracy 2  
 Sequence# 1 BR Top Hole Bottom  
 BR Strat Bottom Strat Strat Code 1  
 Altitude 1242 Accuracy 4 Well Depth 78  
 Location: Tier 97 Range 46 E/W W Section 21 Quarter ACBB  
 Depth to Bedrock 0 Data available GD Types of Exposures A  
 Surficial Lith G Basement Lith  
 Economic properties Driller# 137  
 =====

21234

03/30/88 ENTRY

WELL DETAIL RECORD (12/28/59) PRINTOUT

=====  
 County Number 84 Well Number 21234  
 =====

Stratigraphy	Lithology (primary, secondary, minor)	Penetration Code	Contact Accuracy	Depth to Top	Depth to Bottom
SSGFM	GI	6	2	0	78

84 S10UX

12/28/89 audit - GSBCK <sup>155</sup> VER 11/17/89

input sequence number of first and last well you want to verify

Enter Well Count of first

Enter Well Count of last well

WELL COUNT: 1 BEGINNING AT IN LINE 1

\*\*\*COUNTY: 84 WELL: T 97R 46W 21 ACBB W-21234

ERROR SUMMARY:

CHECK GEOLOGIC CODE 0 CARD NUMBER 5  
BEDROCK TOP ON UNIT CARDS NOT FOUND - CHECK PENETRATION CODES

RECORD WITH ERRORS:

184431237961705100 5

2 4J242 78

321 9746W21ACBB21234

4 OSDAC 137

5 0 GT 67 0 78

\*\*\*\*\*

CHECK GEOLOGIC CODE 0 CARD NUMBER 5  
BEDROCK TOP ON UNIT CARDS NOT FOUND - CHECK PENETRATION CODES

WELLS READ COUNT: 1

PAT -END OF TASK CODE= 0 PROCESSOR=0.318 TSK-ELAPSED=6

# Layne-Western Company

4430 Commercial Avenue - Omaha, Nebraska

no samples

## TEST WELL REPORT

City and State **Rock Valley, Iowa** Date **July 15, 1968**  
Contract **Town of Rock Valley** Driller **Donald Oseka**  
Test No. **68-1** Helpers **Richard Mordhorst**  
Static Water Level **18'**

### Test Log

0'	-	4'	Brown silty clay
4'	-	10'	Gravel, pebbles, and coarse sand
10'	-	33'	Gravel, coarse sand, and pebbles
33'	-	33' 6"	Boulders
33' 6"	-	45'	Blue clay

Size Mud Pit—Length **6'**, Width **8'**, Depth **2'**

### WATER BEARING FORMATION DATA

Depth	Mud Viscosity	Inches Mud Taken from Pit	Drilling Time
18' to 28'	40 Sec.	2½	
28' to 33'	40 Sec.	2	
to			
to			
to			
to			
to			

LOCATION: **About 500' east of water tower.**

REMARKS: **Electric logged to 29' (P-5 R-25). Might pump 100 GPM.**

no sample

# Layne-Western Company

4430 Commercial Avenue - Omaha, Nebraska

## TEST WELL REPORT

City and State **Rock Valley, Iowa**

Date **July 16, 1968**

Contract **Town of Rock Valley**

Driller **Donald Oseka**

Test No. **68-2**

Helpers **Richard Mordhorst**

Static Water Level **17'**

### Test Log

0'	-	4' 6"	Black sandy soil
4' 6"	-	13'	Gravel and pebbles
13'	-	19' 6"	Gravel, pebbles, and boulders
19' 6"	-	28'	Blue clay

Size Mud Pit—Length **6'**, Width **8'**, Depth **2'**

### WATER BEARING FORMATION DATA

Depth	Mud Viscosity	Inches Mud Taken from Pit	Drilling Time
17' to 19' 6"	40 Sec.	1	
to			
to			
to			
to			
to			
to			

LOCATION: **End of 12th Street on west edge of town.**

REMARKS: **No Good.**

no sample

# Layne-Western Company

4430 Commercial Avenue - Omaha, Nebraska

## TEST WELL REPORT

City and State **Rock Valley, Iowa** Date **July 16, 1968**  
 Contract **Town of Rock Valley** Driller **Donald Oseka**  
 Test No. **68-3** Helpers **Richard Mordhorst**  
 Static Water Level **22'**

### Test Log

0'	-	7'	Brown sandy clay, hard
7'		10'	Gravel, rusty color
12'		18'	Gravel and coarse sand, trace of pebbles
18'		19'	Boulder
19'		31'	Coarse sand and gravel
31'		32'	Boulder
32'		37'	Coarse sand, gravel, and boulders
37'		38'	Gravel and clay
38'		39' 6"	Coarse sand and gravel
39' 6"		48'	Blue clay

Size Mud Pit—Length **6'**, Width **8'**, Depth **2'**

### WATER BEARING FORMATION DATA

Depth	Mud Viscosity	Inches Mud Taken from Pit	Drilling Time
18' to 28'	44 Sec.	2	
28' to 39' 6"	44 Sec.	2	
to			
to			
to			
to			
to			

LOCATION: **About 300' east of 21st Avenue and 14th Street.**

REMARKS: **Electric logged to 34' (P-5 R-25). This might pump 100 to 150 GPM.**

# Layns-Western Company

21234

4430 Commercial Avenue - Omaha, Nebraska

## TEST WELL REPORT

City and State      Rock Valley, Iowa

Date      July 16, 1968

Contract      Town of Rock Valley

Driller      Donald Oseka

Test No.      68-4

Helpers      Richard Mordhorst

Static Water Level      15'

### Test Log

0' - 2'	Top soil
2' - 10'	Brown clay
10' - 32'	Gravel and pebbles
32' - 33'	Boulder
33' - 51'	Coarse sand and boulders
51' - 53'	Clay and boulders
53' - 71'	Coarse sand, gravel, and boulders
71' - 78'	Boulders and gravel

Size Mud Pit—Length      6'      , Width      8'      , Depth      2'

### WATER BEARING FORMATION DATA

Depth	Mud Viscosity	Inches Mud Taken from Pit	Drilling Time
15' to 28'	41 Sec.	3	
28' to 38'	41 Sec.	5	
38' to 48'	41 Sec.	2	
48' to 58'	41 Sec.	2	
58' to 68'	41 Sec.	2	
68' to 78'	41 Sec.	2½	
to			

LOCATION:      1/4 mile north of 17th Street and 21st Avenue, on school property.

REMARKS:      Electric logged to 58' (P-5 R-25). This should make a good well.



GEO CODING & DATA ENTRY FORM

\*\*\*\*\*  
 Columns      Entry                      Item/Field (Valid Values)                      RECORD TYPE 1  
 \*\*\*\*\*

01-01 =	1	RECORD TYPE
02-03 =	84	COUNTY NUMBER (Table 1) <i>Stouck (Rock Valley)</i>
04-09 =	43° 12' 37"	LATITUDE (ddmmss)
10-15 =	96° 17' 5"	LONGITUDE (ddmmss)
16-16 =		SEQUENCE NUMBER
17-17 =		SYSTEM TOP CODE (Table 2)
18-18 =		SYSTEM BOT CODE (Table 2)
19-20 =		TOTAL RECORDS FOR WELL

\*\*\*\*\*  
 Columns      Entry                      Item/Field (Valid Values)                      RECORD TYPE 2  
 \*\*\*\*\*

01-01 =	2	RECORD TYPE
02-06 =		BEDROCK TOP CODE (Table 3)
07-11 =		BEDROCK BOT CODE (Table 3)
12-12 =		ALTITUDE ACCURACY CODE (Table 5)
13-16 =	1242	ALTITUDE (feet)
17-20 =	78	TOTAL DEPTH (feet)

\*\*\*\*\*  
 Columns      Entry                      Item/Field (Valid Values)                      RECORD TYPE 3  
 \*\*\*\*\*

01-01 =	3	RECORD TYPE
02-02 =		LATLON ACCURACY CODE (Table 6)
03-03 =		STRATIGRAPHIC DATA CODE (Table 7)
04-06 =	97	TIER NUMBER ( 065 - 100 )
07-09 =	46	RANGE NUMBER ( 07E - 49W )
10-11 =	21	SECTION NUMBER ( 01 - 36 )
12-15 =	ACBB	QUARTERS ( A B C D )
16-20 =	21234	W-NUMBER



W-21234

Logged 5/9/85 by  
M. J. Bounk Research Geologist

Sioux

field checked De Jong 1978

Water level meas.  
July 10, 1978 18.99'

Rock Valley Test 68-#

~~NE NE Sec 20, 97N-46W, elev~~

Contr: Layne Western, July 16, 1968

TD: 78' NW NWSW NE sec. 21 T. 97N R. 46W

BR: — Rock Valley Quad Topo Elev. 1242'

Cog: —

431238 N 0961705-1

99-46W-21 ACBB

PL7-727