

06 BENTON

26975

(conc, note)

need date - PF SL med, logged in GEOSWELL

03/30/89 - GEOSTRAT.DBF record entry

09/05/89 - update LAT-LOIN

11/02/89 - update STRAT

12/27/89 - Audited (GEODC.DOC)
- QUESTIONS: ELEEV

01/29/90 - ⁰¹⁻²⁵⁻⁹⁰ killed script for ELEEV

01/30/90 - SL

05/03/90 - from RA red corrected script

05/23/90 - verified WNB26975

07/05/90 - " merged to GVER0524.DTA

GEO CODING & DATA ENTRY FORM

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

01-01 = 1 RECORD TYPE
 02-03 = 6 COUNTY NUMBER (Table 1) BENTON (Keystone)
 04-09 = 42° 00' 02" LATITUDE (ddmmss)
 10-15 = 92° 12' 7" LONGITUDE (ddmmss)
 16-16 = 1 SEQUENCE NUMBER
 17-17 = 5 SYSTEM TOP CODE (Table 2)
 18-18 = 8 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 = 52110 BEDROCK TOP CODE (Table 3)
 07-11 = 81120 BEDROCK BOT CODE (Table 3)
 12-12 = ALTITUDE ACCURACY CODE (Table 5)
 13-16 = ALTITUDE (feet)
 17-20 = 1880 TOTAL DEPTH (feet)

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

01-01 = 3 RECORD TYPE
 02-02 = 2 LATLON ACCURACY CODE (Table 6)
 03-03 = 1 STRATIGRAPHIC DATA CODE (Table 7)
 04-06 = 83 TIER NUMBER (065 - 100)
 07-09 = 12 RANGE NUMBER (07E - 49W)
 10-11 = 14 SECTION NUMBER (01 - 36)
 12-15 = ADDC QUARTERS (A B C D)
 16-20 = 26975 W-NUMBER

WELL HEADER RECORD

County Number 6 Well Number 26975

09-05-88
update LAT-LO N

Caps

WELL HEADER RECORD

94

County Number 6 Well Number 26975

Latitude 420002 Longitude 921207 Accuracy 2

Sequence# 1 BR Top 5 Hole Bottom 8

BR Strat 52110 Bottom Strat 81120 Strat Code 1

Altitude 0 Accuracy Well Depth 1880

Location: Tier 83 Range 12 E/W W Section 14 Quarter ADDC

Depth to Bedrock 285 Data available 6 Types of Exposures A

Surficial Lith N Basement Lith Q

Economic properties Driller# 113

03/30/88 ENTRY

WELL DETAIL RECORD (11/02/88) UDD ~~STRAT~~ STRAT

County Number	6	Well Number	26975		
=====					
Stratigraphy	Lithology (primary, secondary, minor)	Penetration Code	Contact Accuracy	Depth to Top	Depth to Bottom
SSGFM					
0		8		0	285
52110	N2	B	4	285	450
52120	N2	1	1	450	485
52123	N	1	1	485	503
52124	QN	1	1	503	515
61120	Q2N	1	1	515	630
60000	NQ	1	1	630	697
71112	XQ	1	1	697	800
71113	Q2	1	3	800	850
71114	QX	3	6	850	890
71115	QX	2	4	890	920

*** Detail records exceed screen. Hit return to continue

Aug 12/27/89 PFI - PFO(4) - SL

need ELEV

06 BENTON 26975

06 BENTON

WELL DETAIL RECORD (11/02/88)

County Number 6 Well Number 26975

Stratigraphy	Lithology (primary, secondary, minor)	Penetration Code	Contact Accuracy	Depth to Top	Depth to Bottom
SSGFM					

*** PARTIAL SCREEN DISPLAY OF DETAIL RECORDS ***

72120	NQX	1	3	920	965
72130	NQ	1	6	965	1040
72140	NQ2	5	6	1040	1152
72162	NXQ	1	5	1162	1200
72163	QX	1	1	1200	1205
72211	N	1	1	1205	1250
72212	NQU	1	1	1250	1259
72310	XQU	1	1	1259	1262

*** Detail records exceed screen. Hit return to continue

Caps

WELL DETAIL RECORD (11/02/88)

County Number 6 Well Number 26975

Stratigraphy	Lithology (primary, secondary, minor)	Penetration Code	Contact Accuracy	Depth to Top	Depth to Bottom
SSGFM					

*** PARTIAL SCREEN DISPLAY OF DETAIL RECORDS ***

72321	UXQ	1	1	1262	1294
73111	QU	1	1	1294	1470
73112	QU	1	1	1470	1530
73120	Q2	1	1	1530	1746
81110	UQ	1	1	1746	1824
81120	Q	6	2	1824	1880

Type E enter & quit, Q to quit with no save, R to redo prior entry.
Return to continu entering detail records for this well.

09-05-88

COUNTY (1) 6 WELL# 26975
 LATITUDE 42 00 02 LONGITUDE 92 12 07 SEQ# 1 LLACC (4) 2
 TOP(2) 5 BOT(2) 8 BR TOP(12) 52 11 0 BR BOT(12) 8 11 20 ACC(5) 1
 ELEVATION ACC (3) TOTAL DEPTH 1880
 TIER 83 RANGE E/W 12 / W SECTION 14 QTRS A D D C BA
 FT TO BR 285 LOG TYPES (6) G EXPOSURE TYPE (7) A DC
 SURFACE LITH (8) N BASEMENT LITH (9) Q
 ECON VALUE-SYSTEM (10-2) DRLR# (11) 113

(12) STRATIGRAPHY S S G F M					(8) LITHOLOGY pri-sec-min			(13) PENETRATION CODE	(14) CONTACT ACC.	(feet) DEPTH TO TOP	(feet) DEPTH TO BOTTOM
								<u>8</u>		<u>0</u>	<u>285</u>
<u>5</u>	<u>2</u>	<u>1</u>	<u>1</u>	<u>0</u>	<u>N</u>	<u>2</u>		<u>B</u>	<u>4</u>	<u>285</u>	<u>450</u>
<u>5</u>	<u>2</u>	<u>1</u>	<u>2</u>	<u>0</u>	<u>N</u>			<u>1</u>	<u>1</u>	<u>450</u>	<u>485</u>
<u>5</u>	<u>2</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>N</u>			<u>1</u>	<u>1</u>	<u>485</u>	<u>503</u>
<u>5</u>	<u>2</u>	<u>1</u>	<u>2</u>	<u>4</u>	<u>Q</u>	<u>N</u>		<u>1</u>	<u>1</u>	<u>503</u>	<u>515</u>
<u>6</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>0</u>	<u>Q</u>	<u>2</u>	<u>N</u>	<u>1</u>	<u>1</u>	<u>515</u>	<u>630</u>
<u>6</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>N</u>	<u>Q</u>		<u>1</u>	<u>1</u>	<u>630</u>	<u>697</u>
<u>7</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>X</u>	<u>Q</u>		<u>1</u>	<u>1</u>	<u>697</u>	<u>800</u>
<u>7</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>3</u>	<u>Q</u>	<u>2</u>		<u>1</u>	<u>3</u>	<u>800</u>	<u>850</u>
<u>7</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>4</u>	<u>Q</u>	<u>X</u>		<u>3</u>	<u>6</u>	<u>850</u>	<u>890</u>
<u>7</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>5</u>	<u>Q</u>	<u>X</u>		<u>2</u>	<u>4</u>	<u>890</u>	<u>920</u>
<u>7</u>	<u>2</u>	<u>1</u>	<u>2</u>	<u>0</u>	<u>N</u>	<u>Q</u>	<u>X</u>	<u>1</u>	<u>3</u>	<u>920</u>	<u>965</u>
<u>7</u>	<u>2</u>	<u>1</u>	<u>3</u>	<u>0</u>	<u>N</u>	<u>Q</u>		<u>1</u>	<u>6</u>	<u>965</u>	<u>1040</u>
<u>7</u>	<u>2</u>	<u>1</u>	<u>4</u>	<u>0</u>	<u>N</u>	<u>Q</u>	<u>2</u>	<u>5</u>	<u>6</u>	<u>1040</u>	<u>1162</u>
<u>7</u>	<u>2</u>	<u>1</u>	<u>6</u>	<u>2</u>	<u>N</u>	<u>X</u>	<u>Q</u>	<u>1</u>	<u>5</u>	<u>1162</u>	<u>1200</u>
<u>7</u>	<u>2</u>	<u>1</u>	<u>6</u>	<u>3</u>	<u>Q</u>	<u>X</u>		<u>1</u>	<u>1</u>	<u>1200</u>	<u>1205</u>
<u>7</u>	<u>2</u>	<u>2</u>	<u>1</u>	<u>1</u>	<u>N</u>			<u>1</u>	<u>1</u>	<u>1205</u>	<u>1250</u>
<u>7</u>	<u>2</u>	<u>2</u>	<u>1</u>	<u>2</u>	<u>N</u>	<u>Q</u>	<u>U</u>	<u>1</u>	<u>1</u>	<u>1250</u>	<u>1259</u>
<u>7</u>	<u>2</u>	<u>3</u>	<u>1</u>	<u>0</u>	<u>X</u>	<u>Q</u>	<u>U</u>	<u>1</u>	<u>1</u>	<u>1259</u>	<u>1262</u>
<u>7</u>	<u>2</u>	<u>3</u>	<u>2</u>	<u>1</u>	<u>U</u>	<u>X</u>	<u>Q</u>	<u>1</u>	<u>1</u>	<u>1262</u>	<u>1294</u>
<u>7</u>	<u>3</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>Q</u>	<u>U</u>		<u>1</u>	<u>1</u>	<u>1294</u>	<u>1470</u>
<u>7</u>	<u>3</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>Q</u>	<u>U</u>		<u>1</u>	<u>1</u>	<u>1470</u>	<u>1530</u>
<u>7</u>	<u>3</u>	<u>1</u>	<u>2</u>	<u>0</u>	<u>Q</u>	<u>2</u>		<u>1</u>	<u>1</u>	<u>1530</u>	<u>1746</u>
<u>8</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>0</u>	<u>U</u>	<u>Q</u>		<u>1</u>	<u>1</u>	<u>1746</u>	<u>1824</u>
<u>8</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>0</u>	<u>Q</u>			<u>6</u>	<u>2</u>	<u>1824</u>	<u>1880</u>

WELL HEADER RECORD

91

County Number 6 Well Number 26975

Latitude 420002 Longitude 921207 Accuracy 2

Sequence# 1 BR Top 5 Hole Bottom 8

BR Strat 52110 Bottom Strat 81120 Strat Code 1

Altitude 900' Accuracy 2 Well Depth 1880

Location: Tier 83 Range 12 E/W W Section 14 Quarter ADDC

Depth to Bedrock 285 Data available G Types of Exposures A

Surficial Lith N Basement Lith Q

Economic properties Driller# 113

WELL DETAIL RECORD (01/25/90)

County Number 6 Well Number 26975

Stratigraphy	Lithology (primary, secondary, minor)	Penetration Code	Contact Accuracy	Depth to Top	Depth to Bottom
SSGFM		8		0	285
0		B	4	285	450
52110	N2	1	1	450	485
52120	N2	1	1	485	503
52123	N	1	1	503	515
52124	QN	1	1	515	630
61120	Q2N	1	1	630	697
60000	NQ	1	1	697	800
71112	XQ	1	3	800	850
71113	Q2	3	6	850	890
71114	QX	2	4	890	920
71115	QX				

*** Detail records exceed screen. Hit return to continue

WELL DETAIL RECORD (01/25/90)

County Number 6 Well Number 26975

Stratigraphy	Lithology (primary, secondary, minor)	Penetration Code	Contact Accuracy	Depth to Top	Depth to Bottom
SSGFM					

*** PARTIAL SCREEN DISPLAY OF DETAIL RECORDS ***

72120	NQX	1	3	920	965
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72212	NQU	1	1	1250	1259
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WELL DETAIL RECORD (01/25/90)

County Number 6 Well Number 26975

Stratigraphy	Lithology (primary, secondary, minor)	Penetration Code	Contact Accuracy	Depth to Top	Depth to Bottom
SSGFM					

*** PARTIAL SCREEN DISPLAY OF DETAIL RECORDS ***

72321	UXQ	1	1	1262	1294
73111	QU'	1	1	1294	1470
73112	QU	1	1	1470	1530
73120	Q2	1	1	1530	1746
81110	UQ	1	1	1746	1824
81120	Q	6	2	1824	1880

0

0

0

g
Concurrent Computer Corp 05/32 EDIT32 03-145 R08-02.3
>d t
05/23/90 15:54:24
*slis gsbcheck.log
Concurrent Computer Corp 05/32 COPY32 03-215 R08-02.3

Input sequence number of first and last well you want to verify.

Enter Well Count of first well:

1

Enter Well Count of last well:

1

WELL COUNT: 1 BEGINNING AT IN LINE 1

***COUNTY: 6 WELL: T 83R 12W 14 ADDC W-26975

ERROR SUMMARY:

CHECK GEOLOGIC CODE CARD NUMBER 5

RECORD WITH ERRORS:

1 642000292120715829

252110811202 9001880

32108312W14ADDC26975

4285G AN 113

5 0 B 0 285

CHECK GEOLOGIC CODE 81120 CARD NUMBER 5

552110 N2 B4 285 450

552120 N 11 450 485

552123 N 11 485 503

552124 QN 11 503 515

561120 Q2N11 515 630

560000 NQ 11 630 697

571112 XQ 11 697 800

571113 Q2 13 800 850

571114 QX 36 850 890

571115 QX 24 890 920

572120 NQX13 920 965

572130 NQ 16 9651040

572140 NQ25610401162

572162 NXQ1511621200

572163 QX 1112001205

572211 N 1112051250

572212 NQU1112501259

572310 XQU1112591262

572321 UXQ1112621294

573111 QU 1112941470

573112 QU 1114701530

573120 Q2 1115301746

581110 UQ 1117461824

581120 Q 7418241880

gap at top

WELLS READ COUNT: 1

PAT -END OF TASK CODE= 0 PROCESSOR=2.089 TSK-ELAPSED=12

*

d t

05/23/90 15:51:18

*slist qsbcheck.log

Concurrent Computer Corp 05/32 COPY32 03-215 R08-02.3

Input sequence number of first and last well you want to verify.

Enter Well Count of first well:

1

Enter Well Count of last well:

1

WELL COUNT: 1 BEGINNING AT IN LINE 1

***COUNTY: 6 WELL: T 83R 12W 14 ADDC W-26975

ERROR SUMMARY:

CHECK GEOLOGIC CODE CARD NUMBER 5

INVALID CONTACT ACCURACY CODE ON CARD NUMBER 29

RECORD WITH ERRORS:

1 642000292120715829

252110811202 9001880

32108312W14ADDC26975

42B56 AN 113

5 0 8 0 285

CHECK GEOLOGIC CODE 81120 CARD NUMBER 5

552110 N2 B4 285 450

552120 N 11 450 485

552123 N 11 485 503

552124 QN 11 503 515

561120 Q2N11 515 630

560000 NQ 11 630 697

571112 XQ 11 697 800

571113 Q2 13 800 850

571114 QX 36 850 890

571115 QX 24 890 920

572120 NQX13 920 965

572130 NQ 16 9651040

572140 NQ25610401162

572162 NXQ1511621200

572163 QX 1112001205

572211 N 1112051250

572212 NQU1112501259

572310 XQU1112591262

572321 UXQ1112621294

573111 QU 1112941470

573112 QU 1114701530

573120 Q2 1115301746

581110 UQ 1117461824

581120 Q 6218241880 - use 74

WELLS READ COUNT: 1

PAT -END OF TASK CODE= 0 PROCESSOR=2.096 TSK-ELAPSED=12

*

GEO CODING & DATA ENTRY FORM

 Columns Entry Item/Field (Valid Values) RECORD TYPE 4

01-01 =	4	RECORD TYPE
02-04 =		DEPTH TO BEDROCK (feet)
05-06 =	B G	LOG DATA TYPE CODE (Table 9)
07-07 =	A	EXPOSURE TYPE CODE (Table 10)
08-08 =	N	SURFICIAL LITHOLOGY CODE (Table 11)
09-09 =		BASEMENT LITHOLOGY CODE (Table 12)
10-10 =		ECONOMIC VALUE CODE (Table 13)
11-11 =		ECONOMIC SYSTEM CODE (Table 3)
12-12 =		ECONOMIC VALUE CODE (Table 13)
13-13 =		ECONOMIC SYSTEM CODE (Table 3)
14-14 =		ECONOMIC VALUE CODE (Table 13)
15-15 =		ECONOMIC SYSTEM CODE (Table 3)
16-16 =		ECONOMIC VALUE CODE (Table 13)
17-17 =		ECONOMIC SYSTEM CODE (Table 3)
18-20 =	113	WELLDRIILLER'S NUMBER (Table 17) ED WINGS LOW

 Columns Entry Item/Field (Valid Values) RECORD TYPE 5

01-01 =	5	RECORD TYPE
02-06 =		SSGFM STRATIGRAPHIC CODES (Table 3)
07-07 =		blank
08-08 =		PRIMARY LITHOLOGY CODE (Table 14)
09-09 =		SECONDARY LITHOLOGY CODE (Table 14)
10-10 =		MINOR LITHOLOGY CODE (Table 14)
11-11 =		PENETRATION CODE (Table 15)
12-12 =		CONTACT ACCURACY CODE (Table 16)
13-16 =		DEPTH TO TOP OF INTERVAL (feet)
17-20 =		DEPTO TO BOT OF INTERVAL (feet)

STATE OF IOWA
IOWA GEOLOGICAL SURVEY
123 NORTH CAPITOL STREET
IOWA CITY, IOWA 52242
Phone: (319) 338-1173

MEMORANDUM

To: Ray Anderson Date: 10/25/88
From: M.J. Boank Re: _____