

Caps

WELL HEADER RECORD

136

County Number 25 Well Number 27255

12-09-88

Latitude 413511 Longitude 941115 Accuracy 2

Sequence# 1 BR Top Hole Bottom

BR Strat Bottom Strat Strat Code

Altitude 946 Accuracy 4 Well Depth 40

Location: Tier 78 Range 29 E/W W Section 4 Quarter DAA

Depth to Bedrock 0 Data available DJ Types of Exposures A

Surficial Lith J Basement Lith

Economic properties Driller# 54

**** Type Q to quit. D to enter detail records. N for next wnumber:

Caps

WELL DETAIL RECORD (12/09/88)

County Number 25 Well Number 27255

Stratigraphy	Lithology (primary, secondary, minor)	Penetration Code	Contact Accuracy	Depth to Top	Depth to Bottom
SSGFM					
0	JG	F	2	0	40

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

GEO CODING & DATA ENTRY FORM

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

01-01 = 1 RECORD TYPE
02-03 = 39
25 COUNTY NUMBER (Table 1) CATHRIE
DALLAS (Stuart)
04-09 = 41° 35' 11" LATITUDE (ddmmss)
10-15 = 94° 11' 15" 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 = 946 ALTITUDE (feet)
17-20 = 40 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 = 78 TIER NUMBER (065 - 100)
07-09 = 29 RANGE NUMBER (07E - 49W)
10-11 = 4 SECTION NUMBER (01 - 36)
12-15 = DAA QUARTERS (A B C D)
16-20 = 27255 W-NUMBER

27255

25 DALLAS

27255

25 DALLAS

IOWA GEOLOGICAL SURVEY

W-27255

STATE Iowa	TOWN Stuart	COUNTY Dallas
OWNER Town of Stuart No. 4		
SEC. 4 (Red Field site)		
TWP. 78N	RGE. 29W	COMPLETED 8-27-84
DRILLER Layne Western (Ames)		
CASING RECORD 32' of 10" csg and 8' of 10" stainless steel screen, 100 slot gravel packed 20-46'		
LOGGED BY Feb. 27, 1987 M. J. Bounk		
EI. 946'	* 19'4" PL 29'10 1/4" @ 388 BPM	
T.D. 40'	MAIN WATER	

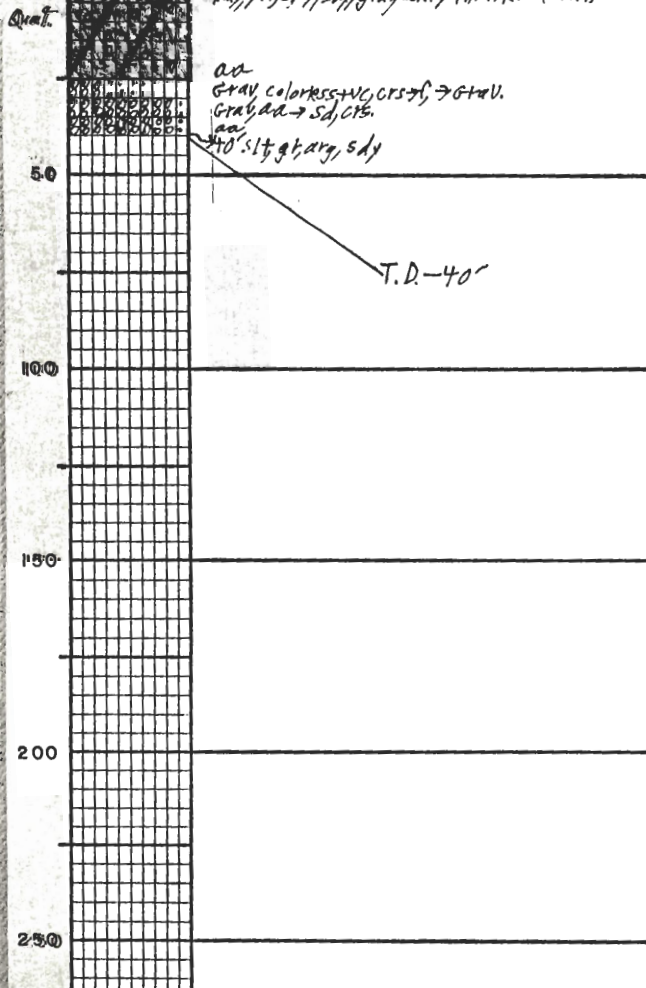
REMARKS
Gravel packed 20-40

1/8 - 1/4 inch

S.N. 002-018

* M.P. Top csg 1.5' above ground

slay, vel, slty, sdy, gray, very till like (color?)



~~002-018 audit - PF missing 12/11/89~~

12-28-89 audit - entry 03-30-88 GEOSTRAT. DBF
- PF missing 12/11/89, rtd to 340.D

YES

CSBCK 113.00R 12/11/89

YES

(13) PENETRATION CODES

ER	ER
TOP	TOP

```

1  A complete penetration, no gaps
2  B complete penetration, gap at top
3  C complete penetration, gap at base
4  D complete, gaps at top and base
5  E complete, gap at top, base defined
6  F partial, base not encountered
7  G partial, gap at top
8  --- complete gap

```

- 1 = top & base accurate for normal 5' sample
- 2 = top accurate, base less accurate
(poor samples, gap at contact)
- 3 = top accurate, base less accurate
(non-distinct lithologic break)
- 4 = base accurate, top less accurate
(poor samples, gap at contact)
- 5 = base accurate, top less accurate
(non-distinct lithologic break)
- 6 = top and base inaccurate (poor samples,
contact gap, indistinct lithologic break)
- 7 = contacts poorly defined or complete gap.
- 8 = contacts from driller's log - accurate
- 9 = contacts from driller's log - generalized

- (1) Remember to code gaps at bottom of Hole.
- (2) For 5-10' gaps at top of hole, do NOT code 8; code 7 and for Contact Accuracy code 4.

Well Number 27255

```
Lithology
(primary,
  secondary,
  minor)
```

Contact
Accuracy

Depth
to Top

Depth
to Bottom

S S G F M

8 0 0 0 0

C G I

6

2

4

40

2925
39 GUTHRIE

2925

PF contents:
(GMC. two CF#2 - UNSURE - note)

need date - received, logged in GEOSWELL

03/30/88 - GEOSTRAT. DBF record entry

12/11/89 - GSB CHECK verified

12/28/89 - Audited in GEODE. DOC

QUES ~~~~~ PF missing - found under DALLAS

01/13/90

- found PF under GUTHRIE county in box files:

- GEOSTRAT. DBF record update, SECRET

- need correct SL coded for DALLAS ~~SECRET~~ (in 340D file new)

02/06/90

- PF rtd to GSB (found under Dallas), memo that SL in 340D may still be coded as in DALLAS

Racing record ?

Screen setting

* Total depth 39.5' (rough info.)

?

* Điam: 10^4

* Length of airline: 32'

New Stuart well

Forms needed for complete construction record - appears to be lost. Not ready

What is the top of the water-producing (sand) formation?

Too soon -

completion report
not available yet;
will send when it
is. These few(*)

Figures are very
rough. They are
extremely busy.

H. B. P.

* Column & Shaft: 6 by 1 1/2

* Non-pumping level: 19' 4"

(515) 232-3543

* Pumped at: 388 gpm
(also real
rough)

427255

Logged

Guth

Name: John on 5-art

Loc:

~~Centre Layne - ...~~

Bedrock

CS.

File Loc: 002-018