

Clastic

1	Rock Type
2	Type/Grn Sz
3	Clay Content
4	Bedding
5	Pore Type
6	Cem/Pore Fill
7	Water Depth
8	Fauna
9	Color

1	Rock Type
2	Dunham
3	Clay Content
4	Grain Size
5	Pore Type
6	2nd Pore
7	Water Depth
8	Fauna
9	Color

Operator Cities Service Oil Co.
Well Alexander "D" #2
Location C NE 1/4 29-27S-35W
County Grant County
API 15-067-20338
Elevation 3098 KB (est.)
Spud Date 1975

Cored Interval 2881-3021
Core Described 2881-3121
KGS Corebarn Loc. 3458-3496
Core Depth Correction CD-2' = L0
Date 11/8/99
Description by MEB
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Core Log #1

1

9

19

23

24

24

26

SEQUENCE??

Could be
Laguna?
Could be
Shallow?

369495

Core Depth	Comments	Depo Envir	Strat Interval
2880		CDS	W
85	Osagid Grain Plast-grnst w/ subd crin. & brachs (Cstl & bkld grains) Form ctd grn grnst Intra foran & molds V. abdt in Anhy Xtla throat (10-15%) growth in soft sed. Shell-Pell grnst Ener-foran, ctd grns, brachs, crin., osh Shell - Osagid plast w/ lithoclasts	Shallow shoal Tr	R E F O R D
2890			A 1st
95	V. sh. calc. Approaching V. f. ssd (w/ patchy green areas)	CP	S P E C I E R A. sh
2900			
05	Initiated' N. of silt (d. l. s. s.) anky. p. s. - 7 crin. (am. ind. s.) dol. siltstone w/ stromatolitic layers small anhy. rept. of org. silt. indicating bedding planes N. Modules of Fen must in Red silt matrix or Root Tubes ??	TF/ST Laguna	F U N S T O N Ails
10	Dol. w/ strom. Shallow beds, defined by thin Dol. stromatolites? w/ large anhy. nod. Extruded Dolostone w/ faint stroma layers W/ thin, nodules Was pest. 80% Repl. by Anhy (Biv. poll pest) Dol. w/ st. Biv. molds filled w/ Anhy crin., osh., brachs "Floating" in dol. mud matrix	TF/ST Laguna	F U N S T O N Ails
15	Sparse Brachs (ORGANIC RICH) Sparse Brach Brach dominated (V. abdt production) Crinoid dom. Ener. foran, biv., brach, crin. Crinoids & brachs Silty, mixed w/ st. brach, brach, crin. w/ dist. lam.	SOSL CDS CDS SOSL SOS	F U N S T O N Ails
2920			

Clastic

Rock Type	Type/Gm Sz	Clay Content	Bedding	Pore Type	Cem/Pore Fill	Water Depth	Fauna	Color
1	2	3	4	5	6	7	8	9

Operator

Well

Location

County

API

Elevation

Spud Date

Cored Interval

Core Described

KGS Corebarn Loc.

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Description by

Page

Carb.

Sample

Plugs

Thin Sect

Rock Type

Dunham

Clay Content

Grain Size

Pore Type

2nd Pore

Water Depth

Fauna

Color

Features

Core

Depth

Comments

Depo

Envir

Strat

Interval

37

2928.4

46

2935.7

56

66

2950.7

2956.2

2957.2

76

Alexander D-2

11/10/99

2/9

2920

25

20

30

A

35

45

50

55

A?

2960

Osagid-pell plast

fossils

Black Chert nod

Pell steel plast (w/earth) on mid-pyrolite

lith

ener. form bio wkst

2-cm shale lens w/ div fauna

Styl. indst w/ ener. forms, few ost., v. few

brachs

Mixed steel

Algal-litholam.

Bio Brach Bryoz ost.

Bio, oste wkst

Lst. Churned

pore form. pores

filled w/ Anthy

20% ±

Osteo-pen form plast (Angular insitu Brach)

(Early exposure?)

Bryz, brachs, bio, oste (Anthy fill bio brachs)

Clastic shaly siltst

V. Sctrd 1-2cm

Anthy Nod

Mostly Disoxic Bio

Mostly Disoxic Bio

Mixed steel wkst silty w/ Anthy Foss.

Osagid mixed (ener. B, brachs)

plast

green-grey

Red Sil. Repl Anthy

Sctrd Anthy Nod. green-red br

Abdt (Ciliata, Clathra

texture

R 2cm Stromatolite

Vfg pen plast-grnst

Osagid-pell plast

Patchy Brown

Anthy, XH

Shallow

low E.

Shoal

Lagoon

Lagoon

Vibest

Lagoon

(w/ some Freshen)

on occasion

CDS

SDSU

CDS

SDSL

CDS

TRANS

GRAVIM

BISIT

BIVE

R

Pids

CLP

CD-2

LD

C

R

O

O

S

E

Cored Interval _____
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Plugs	Thin Sect.	Rock Type	Dunham	Clay Content	Grain Size	Pore Type	2nd Pore	Water Depth	Fauna	Color
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Features	Core Depth	Comments	Depo Envir	Strat Interval
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116

3002.5

3010c

30 16

2017

134

135

3024

30-20

302

142

302

1

3034

1

10

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rip)

2

[illegible]

Depth (m)	Stratigraphic Unit / Description	Lithology / Notes	Environment / Features	Other
3000				
E	4cm of Fe. mast @ top 501-100-206 (TF-ST)		CP	
E	Pell. gmst. w/ sctrd. ctd. gmst (sli. silty) Few whole gastropods Few 0.5-1 cm Anthy. nod.		LE Shoal	ESS
E	Regolith	Was disag. - pell. pest. Now nodular 1-1.5 cm nodules in f. Red silt. matrix		
05G	This 1.5 feet was 542-7??-42?	Large pebbles of calc. (spon. nodules Chalked)		Btst
10		Sctrd 1-2cm Calc. nod.	CP	STEARNS
15				
E	Pell-gmst. sli. silty pell. - encr. form		LE Shoal	ON R. L.
6	Skel-pell pest-gmst w/ biv & ctd gmst			
E	Disag. - calc. clast - pell - form pest			
20	Mix w/ 1 cm calc. Sctrd. porphy. calc. clast		CP	F-BT LURE
E	4cm of Fe. mast 501-100-206 @ top TF-ST			
G	Pell-skel gmst sli. silty			
25G	Skel-pell gmst (pell, biv frag?) Sctrd. disag. incr. Moulds (silt. frag.)	Large Blue Anthy. nod.	Silt. Shoal	COTTONWOOD
G	Overcast pell pest-gmst some w/ F-A clgs		LE. Shoal	
30A	Skel-pell pest-gmst w/ sctrd. overcast vfg. pell. pest-gmst	cut Large wh. Anthy. nod. to 4cm 20-40% of matrix		
G	Overcast pest w/ some mudst. west. pest. Churned by bioturbation possible stromatolites	Abdt. Anthy. x16 Btst	CDs	
A	Was mast-west w/ dir but widely scattered - Brach., brach., ost., biv., skel. pest		Lagoon	
35	Abdt. fusulinids		Lagoon?	
A	Ost-brach. west Ost-brach. mudst-west			
	Mixed pest-gmst. Pell, skel - brach. brach. R. encr. Furrow		TRANS.	
	Encr. form - pell. pest. gm-gm			CSH
2040			CP	

CD-2.5
LD

CD-215
LD

CD-2.5
LD

COEFF 3

[illegible]

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Sample	Plugs	Rock Type	Dunham	Clay Content	Grain Size	Pore Type	2nd Pore	Water Depth	Fauna	Color
	Thin Sect									

[illegible]

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Rock Type	Dunham	Clay Content	Grain Size	Pore Type	2nd Pore	Water Depth	Fauna	Color
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	Core		Depo	Strat
s	Depth	Comments	Envir	Interval

219

3/24/

-3120

Comments

Depo
EnvirStrat
Interv

← END
CORR 5