

George R. Reddy

Consulting Geologist

Bus. (505) 623-6233

Res. (505) 623-3767

200 West First Street

Roswell, New Mexico 88201

Read & Stevens, Inc.

No. 1 UT State

660' FSL & 1980 FEL Sec. 2, T 19S, R 34E

Lea County, New Mexico

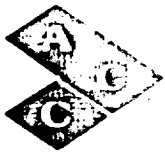
Core No. 2, 4992-5050

(Cut 58', Recovered 58')

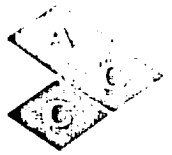
- 4992-93 Dolo., gray, FX, Dns, N.S.
94 Anhy, gray, M-CX, Dns, N.S.
95 Sh, Dk gray, Dolo., N.S.
96 Sh, AA, interlamin w/Dolo, gray, VFX-FX, Dns, N.S.
97 Dolo, gray, VF-FX, Dns, N.S.
98 Dolo, gray, VFX, matrix w/scattered CX, Dns, N.S.
99 Dolo, tan, FX w/scattered CX Anhy., Dns, N.S.
5000 Dolo, gray-tan, VFX, Dns, N.S.
01 Dolo, AA, Argill., N.S.
02 Anhy, white-gray, CX, Dns, N.S.
03 Dolo, tan, Micro-VFX, Sandy, Dns, N.S.
04 SS, gray, FG, SA-R, Dolo. cmt., Tr Ø & Perm., N.S.
05 SS, AA but denser w/anhy. matrix, N.S.
06 SS, AA, cleaner, N.S.
07 SS, gray, FG, SR-R, well srtd, Dolo. cmt., 70% light brown oil stain, Fluor.
08 SS, AA, show AA.
09 Dolo, gray, VFX, V/sandy, Dns, lamin, N.S.
10 Dolo, AA, N.S.
11 SS, lt gray, F-MG, SR, Dolo. cmt., sli fri, fair Ø & perm., N.S.
12 SS, lt. gray, FG, SA, Dolo cmt., tight, N.S.
13 SS, AA, N.S.
14 Dolo, gray, FX, sandy, Dns, N.S.
15 SS, lt. gray, F-MG, SA, lamin w/Blk Sh., N.S.
16 SS, AA, N.S.
17 SS, lt. gray, FG, SR-SA, well srtd., sli dolo, fair Ø & perm., N.S.
18 SS, AA, lamin w/Blk sh, N.S.
19 SS & Sh AA, N.S.
20 Dolo, gray, F-MX, Sdy, Dns, N.S.
21 Dolo, AA, N.S.
22 Dolo, AA, N.S.
23 Dolo, incr. sdy, AA, N.S.
24 SS, gray, FG, A-SR, Dolo cmt, fairly clean w/trace Ø & perm., N.S.
25 SS, AA, lamin w/Sh, N.S.
26 SS, AA, w/Sh AA, N.S.
27 SS, AA, w/sh AA, N.S.
28 SS, AA, w/Sh AA, N.S.
29 SS, AA, N.S.
30 Dolo, gray, FX-MX, Dns, N.S.
31 Dolo, tan, VFX, Dns, N.S.

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No. 1 UT State
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5031-5032 Dolo, AA, N.S.
5033 : Dolo, AA, N.S.
5034 - Shale, Dk Brn, silty, sli dolo., N.S.
5035 Dolo, gray & tan, F-Mx, Dns, lamin. w/Sh, Dk gray, N.S.
5036 SS, gray, F-MG, SA--A, Dolo, cmt., N.S.
5037 SS, AA, N.S.
5038 SS, AA, Anhy & Dolo matrix, tight, N.S.
5039 Dolo, tan & gray, VFX, lamin w/brn silty sh., N.S.
5040 Dolo, gray, FX, Dns, N.S.
5041 Dolo, tan, VFX, Dns, N.S.
5042 Dolo, gray, micro-x w/incl. of CG Anhy, Dns, N.S.
5043 Dolo, tan, VF-MX, Dns, N.S.
5044 Anhy, gray, CX, Dns, N.S.
5045 Anhy, whi, gray, F-CX, Dns, N.S.
5046 Anhy, AA, mixed w/Dolo, gray, VFX, Dns, N.S.
5047 Dolo, lt. gray, micro VFX, Dns, N.S.
5048 Dolo, tan, VFX, Dns, N.S.
5049 Dolo, gray, VFX, Dns, sdy, lamin w/Dk gray sh., N.S.
5050 Dolo, gray VF-FX, Dns, N.S.



CORING AND DRILLING RECORD
AMERICAN COLDSET CORPORATION
(505) 397-1407 (915) 683-1846
Hobbs, New Mexico 88240 Midland, Texas 79701



AREA: Hobbs 14 M.

DATE 8-18-16 19 78

OPERATOR Reynold J. Torrance WELL NO. 1 LEASE UT
OPERATOR REP. L. L. O. G. H. FIELD Quail ST. S.S.
CONTRACTOR W. K. R. I. G. T. 3 COUNTY L. C. A. STATE N. M.

BIT SIZE		BIT NUMBER	CORE OR RUN NO.	INTERVAL CORED/DRILLED		FEET CORED/DRILLED	FT. REC'D	1 REC'D	HOURS ON BOTTOM	FT./HR.
O.D.	I.D.			FROM	TO					
7 1/16	4 1/4	14645	2	4992	5050	58	58	1000	29 1/2	
MUD										
TYPE	VISC.	WT.	W/L	%SAND	SOIL	GELS	GPM	AVERAGE WEIGHT	AVER. R.P.M.	PRESSURE ON BOTTOM OFF BOTTOM DROP
Starch	31	11 1/2	18	1	-		260		60	1000 800 200

DEPTH		TIME		MIN PER FOOT	FORMATION / REMARK	DEPTH		TIME		MIN PER FOOT	FORMATION / REMARK
FROM	TO	FROM	TO			FROM	TO	FROM	TO		
4992	4993	1:20	1:30	30	8-16 AM	5022		2:21	23		
	33		2:06	36			24	2:42	21		
	35		41	35			25	3:13	21		
	36		3:25	44			26	3:23	20		
	37		4:13	48			27	3:42	19		
	38		5:14	61			28	3:59	17		
	39		6:20	66			29	4:22	23		
5000			6:37	17		5030		4:49	25		
	1		6:57	20			31	5:24	37		
	2		7:21	24			32	5:56	32		
	3		7:43	22			33	6:31	35		
	4		8:07	24			34	7:10	39		
	5		8:26	16			35	7:37	27		
	6		8:41	20			36	7:58	21		
	7		9:01	15			37	8:20	22		
	8		9:16	15			38	8:42	22		
	9		9:40	24			39	9:12	28		
5010	50		10:00	20		5040		9:47	37		
	11		10:26	16	10 - CONN.		41	10:22	35		
	12		10:43	17			42	11:03	24	7000	
	13		11:00	17			43	11:28	25		
	14		11:22	22			44	11:55	24		
	15		11:40	18			45	12:02	43		
	16		11:58	18			46	2:15	95		
	17		12:15	17			47	3:02	25		
	18		12:30	15			48	3:54	54		
	19		12:45	15			49	5:16	77		
5020			1:12	24		5050		6:20	70		
	20		1:34	22			51				
	21		1:58	24			52				

COMMENTS: 9' Pipe correction

ST. WT. 100,000

BY Reynold J. Torrance
Hobbs, New Mexico