

George R. Reddy

Consulting Geologist

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200 West First Street

Roswell, New Mexico 88201

Read & Stevens, Inc.

No. 1 UT State

660' FSL & 1980' FEL Sec. 2, T 29S, R34E

Lea County, New Mexico

Core No. 3, 5050-5107

(Cut 57', Recovered 56 $\frac{1}{4}$)

- 5050-51 Dolo, gray-tan, VFX, oolitic, Dns, N.S.
52 SS, gray, VF-FG, A, Dolo & Anhy. cmt., Dns, N.S.
53 SS, gray, FG, SR, well srtd, sli fria, Dolo. cmt, approx. 60%
light brown patchy oil stain & Fluor.
54 Dolo, gray, F-MX, sdy, argill., Dns, N.S.
55 Dolo, brn-gray, VF-FX, Dns, N.S.
56 Dolo, AA, w/incl. of whi anhy., N.S.
57 Dolo, AA, w/Anhy, AA, N.S.
58 SS, gray, MG, SR-R, Dolo, cmt., Tr weak yel Fluor, tight
59 SS, AA, N.S.
60 Dolo, gray, VFX, Dns, N.S.
61 SS, gray, FG, SR-R, Dolo. cmt, scattered dk minerals, N.S.
62 Dolo, tan, VF-FX, oolitic, Dns, N.S.
63 Dolo, tan, VF-FX, Dns, N.S.
64 SS, gray, FG, SR-SA, Dolo & Anhy. cmt., tight, N.S.
65 Dolo, gray, micro-x matrix w/scattered C xlls Anhy, N.S.
66 Dolo, gray-tan, AA, N.S.
67 Anhy, gray, CX, Dns, N.S.
68 Dolo, gray, VFX, Dns, N.S.
69 Dolo, tan, micro-x, Dns, N.S.
70 Dolo, tan, VFX, Dns, N.S.
71 Dolo, AA, N.S.
72 Dolo, AA, w/scattered Anhy C xlls, N.S.
73 Dolo, AA, w/Anhy, AA, N.S.
74 Dolo, gray, VFX, Dns, N.S.
75 Dolo, AA, w/Anhy C xlls, N.S.
76 Anhy, whi, M-CX, Dns, N.S.
77 SS, tan, FG, SA-SR, Dolo & Anhy cmt, tight, Sli brn oil
stain & weak yel. F
78 Dolo, gray, FX, mixed w/gray anhy, Dns, N.S.
79 Dolo & Anhy, AA, N.S.
80 Anhy, gray, F-MX, Dns, N.S.
81 Anhy, AA, Sandy, N.S.
82 SS, gray, VF-FG, SR, well srtd, anhy & sli dolo, tight, N.S.
83 Dolo, tan-gray, VFX, w/incl of CX anhy, N.S.
84 Dolo, tan-gray, F-MX, w/Anhy, AA, N.S.
85 Dolo, tan, Micro-VFX, Dns, N.S.

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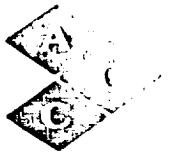
5085-86 Dolo, AA, N.S.
87 Dolo, AA, N.S.
88 Dolo, AA, w/scattered CX Anhy, N.S.
89 Dolo, AA, w/Anhy, AA, N.S.
90 Dolo, AA, w/Anhy, AA, N.S.
91 Dolo, AA, lamin w/brn shale partings, N.S.
92 Dolo, gray, VFX, Dns, N.S.
93 Dolo, tan gray, AA, N.S.
94 Dolo, gray, AA, N.S.
95 Dolo, tan-gray, micro-x, Dns, N.S.
96 Dolo, AA, N.S.
97 Dolo, gray, VFX w/scattered C X Anhy, N.S.
98 Dolo, tan, FX, Dns, N.S.
99 Dolo, AA, w/some CX Dolo & Anhy, N.S.
5100 Sh, Dk brn, Dolo, silty, N.S.
01 Dolo, Dk brn, V/silty, N.S.
02 Dolo, AA, w/scattered Anhy, N.S.
03 Dolo, brn, FX-CX, Dns, N.S.
04 Dolo, AA, N.S.
05 Dolo, gray, VFX-CX, Dns, N.S.
06 Dolo, gray-tan, AA, N.S.
06 $\frac{1}{4}$ Dolo, gray, AA, N.S.



CORING AND DRILLING RECORD
AMERICAN COLDSET CORPORATION

(505) 397-1407
Hobbs, New Mexico 88240

(915) 683-1846
Midland, Texas 79701



AREA: Hobbs N.M.

DATE 5-17-18 19 72

OPERATOR Reed & Stevens

WELL NO. 1 LEASE U T

OPERATOR REP. Andrew

FIELD Quail Ridge ST

CONTRACTOR Lee Rigg

COUNTY LEA STATE N.M.

BIT SIZE		BIT NUMBER	CORE OR RUN NO.	INTERVAL CORED/DRILLED		FEET CORED/DRILLED	FT RECD	% RECD	HOURS ON BOTTOM	FT/HR.
O.D.	I.D.			FROM	TO					
7 7/16	4 1/2	1-645	3	5050	5107	57	50	100%	30 1/4	
MUD										
TYPE	W.C.	WT	W/L	% SAND	% OIL	GELS	GPM	AVERAGE WEIGHT	AVER R.P.M.	PRESSURE
Starch	31	10.1	12	1	—		511	2.1	40	1150
									ON BOTTOM	OFF BOTTOM
										DROP
									810	250

DEPTH		TIME		MIN PER FOOT	FORMATION / REMARK	DEPTH		TIME		MIN PER FOOT	FORMATION / REMARK
FROM	TO	FROM	TO			FROM	TO	FROM	TO		
5050	5051	12:10	12:14	10	8-17 H.M.	5081	4:27	4:50	23		
	52		12:17	24		52		5:19	28		
	53		1:07	19		53		5:42	23		
	54		1:27	20		54		6:08	26		
	55		1:53	26		55		6:35	27		
	56		2:23	30		56		7:03	27		
	57		2:50	31		57		7:32	30		
	58		3:22	31	14 H.M.	58		8:07	35		
	59		4:02	30		59		8:30	31		
5060			4:58	31		5090		9:13	35		
	61		5:04	26		91		9:43	30		
	62		5:27	25		92		10:10	27		
	63		6:26	31		93		10:40	30		
	64		7:00	31		94		11:08	28		
	65		7:11	32		95		11:35	30		
	66		8:20	33		96		12:10	32		
	67		8:50	32		97		12:58	28		
	68		9:30	30		98		1:14	36		
	69		10:00	30		99		1:44	30		
5100			11:12	58		5100		2:17	33		
	71		11:52	45		1		2:49	32		
	72		12:26	43		2		3:22	33		
	73		1:32	42	Change Manner	3		3:55	33		
	74		1:36	24		4		4:35	40		
	75		2:22	30		5		5:12	30	7 Core	
	76		2:46	34		6		5:42	30		
	77		3:09	32		7		6:10	32		
	78		3:31	32		8					
	79		3:58	32		9					
5080			4:27	24		5110					

COMMENTS:

George S. Smith
Hobbs N.M. 5/17/18