

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. 1, 4730-90

(Cut 60', Recovered 49')

- 4730-31 Dolo, gray, VF-CX, Dns, N.S.
- 32 Dolo, AA, N.S.
- 33 Anhy, gray, micro-VFX, Sandy w/M-CG, R-SR Qtz. grains, N.S.
- 34 Dolo, gray-tan, Micro-VFX, Dns, N.S.
- 35 SS, gray, FG, SR-SA, Anhy & Dolo. cmt, N.S.
- 36 SS, gray, F-MG, SR-SA, glauc, Anhy. & Dolo cmt., N.S.
- 37 SS, AA, N.S.
- 38 SS, AA, Incr. Anhy. matrix, N.S.
- 39 SS, FG, AA, N.S.
- 40 ~~SS~~, AA, N.S.
- 41 Dolo, Dk gray, FX, Dns, argill., N.S.
- 42 Anhy, gray, CX, Dns, N.S.
- 43 Dolo, gray, FX, Dns. lamin w/Dk gray Sh., N.S.
- 44 SS, gray, FG, SA-SR, in anhy. matrix, Dns, N.S.
- 45 SS, gray, F-MG, AA, N.S.
- 46 Anhy, gray, F-CX, Sandy, Dns, N.S.
- 47 Anhy, AA, N.S.
- 48 Anhy, AA, N.S.
- 49 ~~SS~~, gray, FG, SR, Dolo, cmt, anhy, N.S.
- 50 Anhy, gray, CX, Dns, N.S.
- 51 Anhy, AA, N.S.
- 52 Anhy, AA, N.S.
- 53 SS, mottled gray & red, VF-FG, SA-SR, Anhy & Dolo. cmt, N.S.
- 54 SS, red, VF-FG, SA-SR, Anhy., cmt, N.S.
- 55 SS, AA, N.S.
- 56 SS, FG, AA, N.S.
- 57 SS, AA, N.S.
- 58 SS, lt. gray, VF-FG, A-SR, sli porous & perm., Dolo. cmt., N.S.
- 59 SS, mottled red & gray, FG, SA-SR, Anhy. matrix, N.S.
- 60 SS, red, F-CG, mostly F-MG, A-SR, but with abundant CG rounded frosted QG, N.S.
- 61 SS, red, MG, A-SR, Anhy. matrix, N.S.
- 62 Anhy, gray, w/F-MG, A-SR Qtz. grns., Dns., N.S.
- 63 ~~SS~~, gray, F-MG, SR-SA, Dolo. & Anhy. matrix, tight, N.S.
- 64 SS, red, F-MG, SR-SA, mostly Anhy. cmt, N.S.
- 65 SS, gray, F-MG, SR-SA, Dolo. & Anhy. cmt., N.S.

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- 4765-66 Anhy, gray, w/FG, A-ST, Qtz, Dns, N.S.
- 67 Dolo, gray-tan, micro-VFX, Dns, sdy w/FG, R, Qtz. grs, N.S.
- 68 Dolo, gray, VFX, Dns, argill, N.S.
- 69 Anhy, gray, MX, Dns, N.S.
- 70 SS, gray, F-MG, SR-A, lamin w/Dk gray shale partings, N.S.
- 71 Anhy, gray, VF-CX, sandy, Dns, N.S.
- 72 SS, gray, VF-FG, SR-A, Dolo. & Anhy cmt., N.S.
- 73 SS, gray, VF-FG, A-SR, Anhy. matrix Dolo, Dns, N.S.
- 74 SS, AA, N.S.
- 75 SS, AA, N.S.
- 76 SS, red, VF-FG, A-SR, Anhy. cmt., N.S.
- 77 SS, AA, N.S.
- 78 SS, mottled red & gray, VFG-FG, A-SA, Anhy & Dolo Cmt., N.S.
- 79 Anhy, red, F-CX, Dns, Sdy, 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: 8-12, 13, 14 19 78

OPERATOR Reed & Stevens WELL NO. 1 LEASE STATE UT
OPERATOR REP. DAN LOUGH FIELD Quail Ridge
CONTRACTOR WEEK RIG #3 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 3/16	5 1/4	10645	1	4730	4790	59.60			40 1/2	
MUD										
TYPE	W.C.	WT.	W/L	% SAND	% SOL	GELS	GPM	AVERAGE WEIGHT	AVER. R.P.M.	PRESSURE
Brine	34	10'	18 1/2	1	1	1	245	16.000	63	ON BOTTOM 1000 OFF BOTTOM 800 DROP 200

DEPTH		TIME		MIN PER FOOT	FORMATION / REMARK	DEPTH		TIME		MIN PER FOOT	FORMATION / REMARK
FROM	TO	FROM	TO			FROM	TO	FROM	TO		
4730	4731	205	315	70	8/12/ P.M.	4760	4761		1200	24	
	32		435	80			62		1227	23	
	33		528	53			63		1244	22	
	34		614	46			64		114	25	
	35		646	32			65		143	29	
	36		724	38			66		215	32	
	37		810	46			67		255	40	
	38		852	42			68		334	39	
	39		945	52			69		403	29	
	3740		1040	53			4770		430	27	
	41		1220	80	2 o'clock		71		526	36	
	42		138	73	5 o'clock		72		531	31	
	43		216	38			73		558	21	
	44		257	41			74		625	27	
	45		345	48			75		653	28	
	46		428	43			76		722	29	
	47		514	48			77		753	31	
	48		602	48			78		832	37	
	49		650	48			79		920	48	
	4750		735	45			4780		1000	40	
	51		805	30			81		1100	60	
	52		834	29			82		1140	40	
	53		905	31			83		1215	35	
	54		927	22			84		110	55	
	55		947	20			85		205	60	
	56		1009	23			86		305	60	
	57		1026	15			87		402	57	
	58		1047	21			88		508	68	
	59		1110	23			89		612	60	
	4760		1140	22	8 o'clock		4790		710	52	8/14/ AM

10' PIPE CORRECTION FROM 4720 TO 4730

COMMENTS: 40 hrs 22 min coring time

40.4 min per ft. av.

BY Charles Reese
Hobbs, N.M.