WELEX — **ACOUSTIC VELOCITY LOG**

COMPANY JAKE L. HAMON

WELL NORTHEAST LYNCH UNIT # 1

FIELD WILDCAT

COUNTY LEA STATE NEW MEXICO

Location 1980' FNL 660' FEL

Sec. 17 Twp. 20-S Rge. 35-E

Other Services: Cont-Cal, Ind-Elec

Permanent Datum: Ground Level Elev. 3699.7

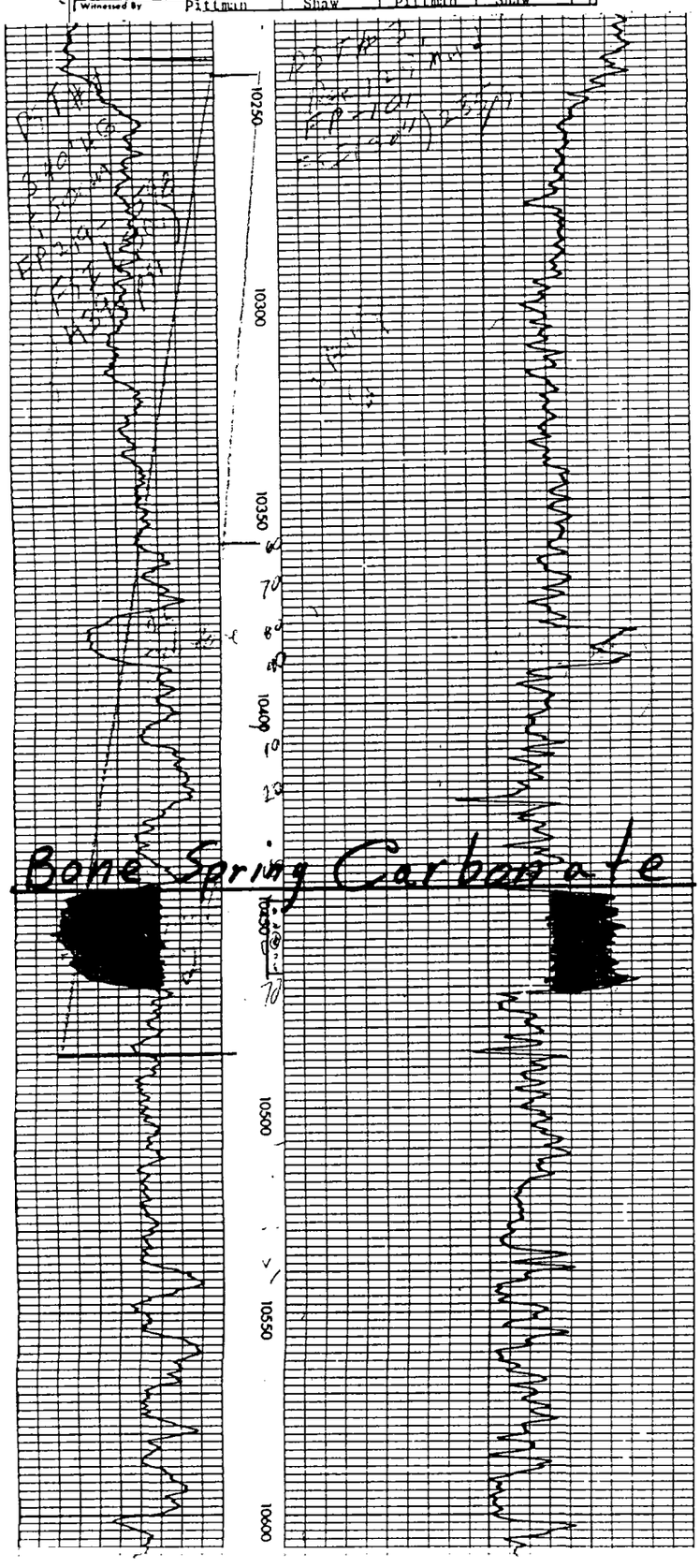
Log Measured From: K. B. 22.3 Ft. Above Perm. Datum

Drilling Measured From: Kelly Bushing

Elev.: K.B. 3722, D.F. 3721.5, G.L. 3699.7

Date	3-21-63	4-7-63	4-14-63	5-21-63
Run No.	- One -	- Two -	- Three -	- Four -
Depth—Driller	13,396	13,839	14,157	15,040
Depth—Welex	13,374	13,829	14,147	15,034
Btm. Log Inter.	13,320	13,760	14,140	15,028
Top Log Inter.	Surf	13,320	13,760	14,140
Casing—Driller	9-5/8@5498	5,498	5,498	7" @14151
Casing—Welex	- -	-	-	14,148
Bit Size	8-3/4"	8-3/4"	8-3/4"	6"
Type Fluid in Hole	Mud	Mud	Mud	Mud
Dens. | Visc.	10.4 | 60	12.8 | 90	12.6 | 85	9.0 | 45
pH | Fluid Loss	9.0 | 5.8 ml	9.5 | 5.8 ml	9 | 5 ml	9.5 | 10 ml
Source of Sample	Circulated	Circulated	Circulated	Circulated
R_m @ Meas. Temp.	1.42@ 98°F	1.12 @ 90°F	1.12@ 90°F	1.4 @ 80°F
R_{mf} @ Meas. Temp.	.88@ 82°F	.60 @ 62°F	.60@ 62°F	1.4 @ 70°F
R_{mc} @ Meas. Temp.	2.22@ 82°F	1.96 @ 62°F	1.96@ 62°F	2.1 @ 70°F
Source R_{mf} R_{mc}	Meas.	Meas.	Meas.	Meas.
R_m @ BHT	.90@168°F	.60 @173°F	.56 @173°F	.56 @203°F
Time Since Circ.				
Max. Rec. Temp.	168°F @13374	173°F @3829	182°F @4147	203°F @15034
Equip. | Location	7121 | Hobbs	7121 | Hobbs	7121 | Hobbs	7121 | Hobbs
Recorded By	Ayres&Scott	Ayres&Scott	Ayres&Scott	Ayres
Witnessed By	Pittman	Shaw	Pittman	Shaw

Fold Here



RENAMED
MANZANO OIL CORPORATION'S
APPLESEED FEDERAL #1

ø = 8%
Sw = 35%
h = 22'

BEFORE THE
OIL CONSERVATION DIVISION
Santa Fe, New Mexico

Case No. 12003 Exhibit No. 2

Submitted by: Manzano Oil Corporation

Hearing Date: August 6, 1998