

Keltic Services, Inc

Box 1857
Artesia, NM
88211

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Temperature Survey

Company	Marbob	Date	8-6-2005
Well	CHAPARRAL 14 FED #1	Time Plug Down	hrs
		Time Start Survey	hrs
		Time End Survey	1450 hrs
Casing String	Intermediate	Depth Reached	7000 ft
Cement Top	3000 ft.		
Gauge	205		
Operator:	Julian	Witness:	CRAIG HUBER

Keltic Services Inc
Temperature Survey

Company Marbob
Well CHAPARRAL 14 FED #1

Date 8-6-2005
Plug Down hrs
Survey Start hrs
Operator Julian

Cement Top 3000 ft

Depth ft	Temp. °F	Comments
100	60.4	
500	62.1	
1000	63.7	
1500	64.1	
2000	64.7	
2500	65.0	
3000	65.6	CT
3200	67.8	
3400	69.0	
3600	71.9	
3800	73.7	
4000	75.3	
4200	76.2	
4400	77.4	
4600	78.6	
4800	79.8	
5000	81.3	
6000	82.8	
7000	85.2	

