

Keltic Services, Inc

Box 1857
 Artesia, NM
 88211

505 748 3759

Temperature Survey

30 - 015 - 35438

Company	MACK ENERGY	Date	04/09/07
Well	LION FEDERAL #1	Time Plug Down	hrs
		Time Start Survey	hrs
		Time End Survey	hrs
Casing String	Intermediate	Depth Reached	1475 ft
Cement Top	850 ft.		
Gauge	205		
Operator:	Julian	Witness:	CHRIS DAVIS

Keltic Services Inc
Temperature Survey

Company MACK ENERGY
Well LION FEDERAL #1

Date 4/9/07
Plug Down hrs
Survey Start hrs
Operator Julian

Cement Top 850 ft

Depth ft	Temp. °F	Comments
10	70.0	
100	70.1	
200	70.3	
300	70.5	
400	70.6	
500	70.6	
600	70.7	
700	70.9	
800	70.9	
850	70.9	CT
900	71.8	
1000	72.7	
1200	73.3	
1400	74.3	
1475	74.3	

