

Patterson

**TEMPERATURE
SURVEY**

CompanyXTO Energy Inc.		Company XTO Energy Inc.					
Well	Hill Ranch 20-14	Well	Hill Ranch 20-14				
Field	Purgatorie River	Field	Purgatorie River				
County	Las Animas	County	Las Animas				
State	CO	State	CO				
Location:		AP1 # : 05 071 08614 00	Other Services				
587' FSL & 2478' FWL							
SEC 20 TWP 33S RGE 67W							
Permanent Datum	Ground Level	Elevation	7408'				
Log Measured From	Ground Level						
Drilling Measured From	Ground Level						
Elevation		K.B. ----- D.F. ----- G.L. 7408'					
Date	12/10/05						
Run Number	one						
Depth Driller	736						
Depth Logger	700'						
Bottom Logged Interval	696'						
Top Log Interval	Surf.						
Open Hole Size	11"						
Type Fluid	water						
Density / Viscosity	///						
Max. Recorded Temp.	///						
Estimated Cement Top	230'						
Time Well Ready	3:30						
Time Logger on Bottom	3:40						
Equipment Number	T244						
Location	Trinidad						
Recorded By	Worley						
Witnessed By							
Borehole Record		Tubing Record					
Run Number	Bit	From	To	Size	Weight	From	To
Casing Record	Size	Wgt/Ft	Top	Bottom			
Surface String							
Prot. String							
Production String	8 5/8"		00	723'			
Liner							

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

4 Miles From Weston, Turn Right, Go Thru Gate, Stay On Main Road To T, Go Right Up Hill, At Compressor Go Right, Next Y Go Right, Stay On Main Road, Dead End On Location.

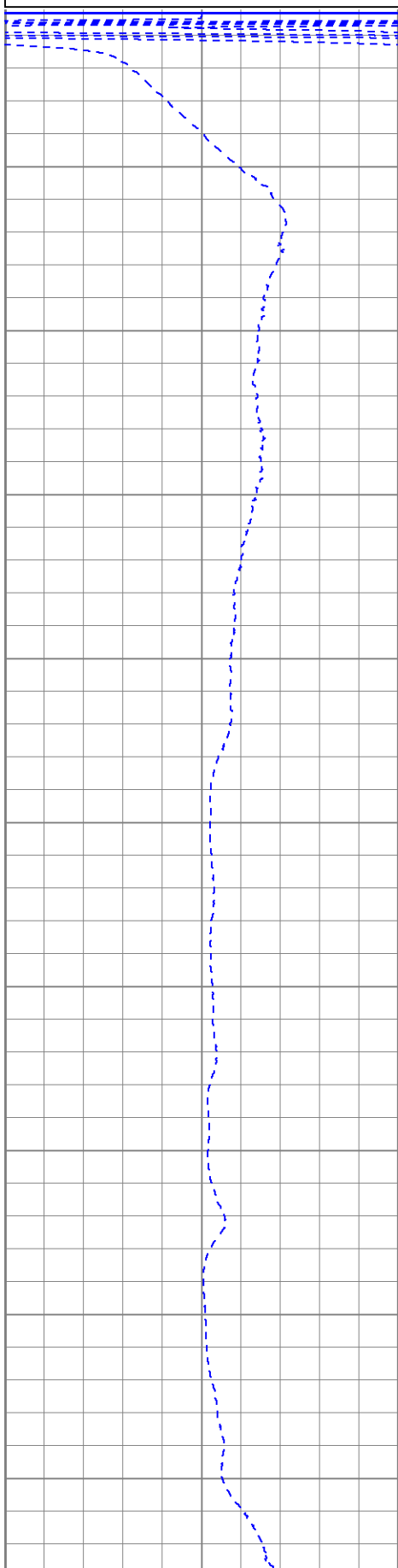
Database File: ge20-14b121005.db
Dataset Pathname: pass3
Presentation Format: temp
Dataset Creation: Sat Dec 10 16:49:08 2005 by Log Warrior 7.0 STD Cas
Charted by: Depth in Feet scaled 1:600

-0.5 DTMP (degF) 0.5

85

TEMP (degF)

105



50

33.74

100

42.59

150

49.92

200

54.90

250

57.61

300

58.95

350

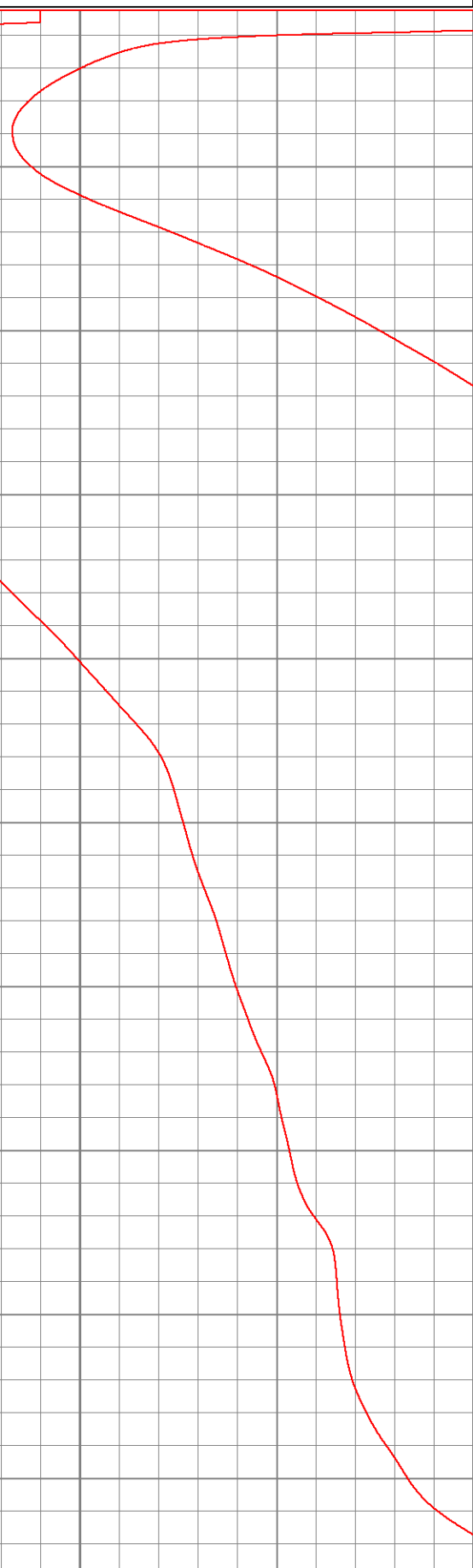
60.31

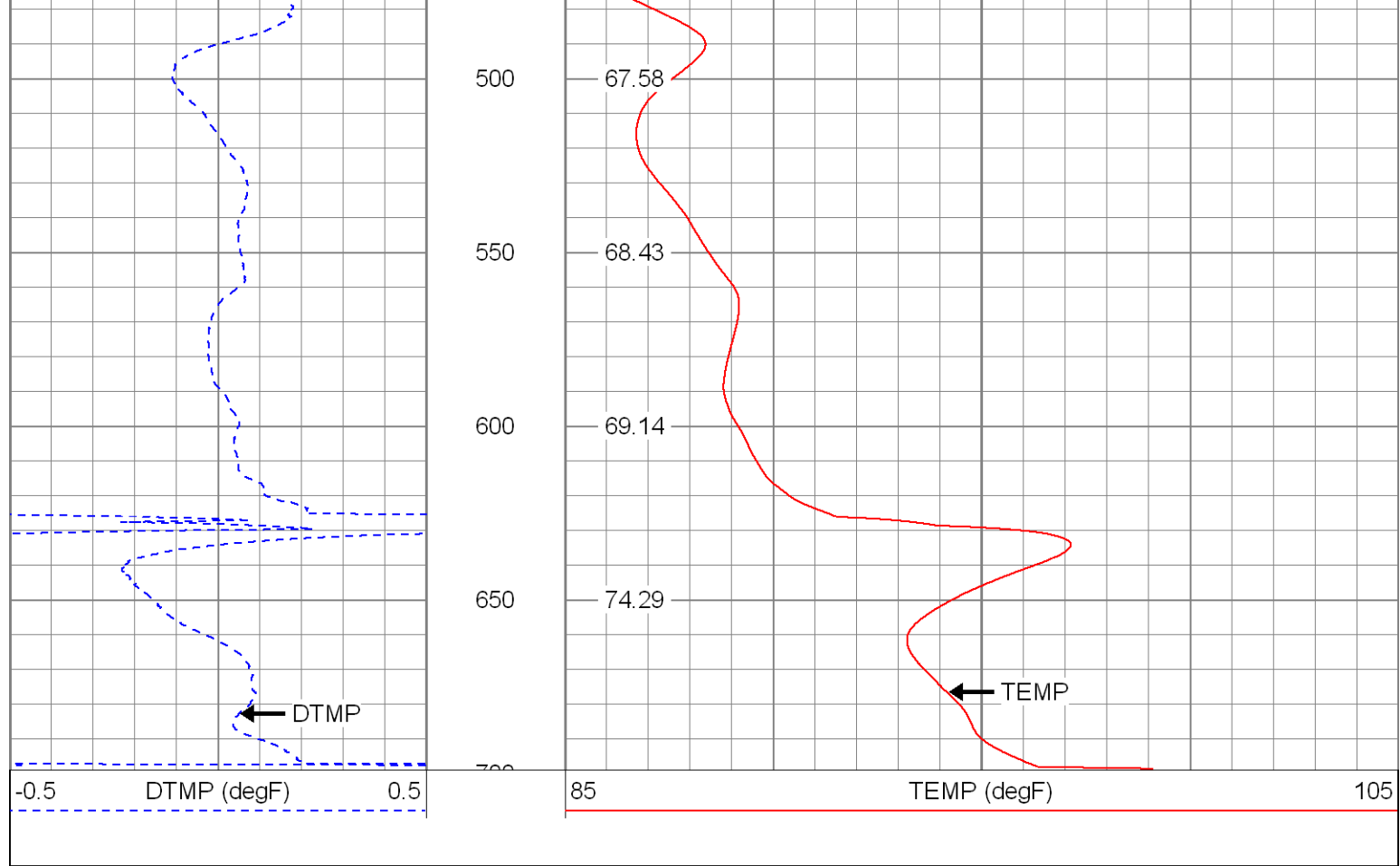
400

61.60

450

63.32





Temperature Calibration Report			
Serial Number:	1		
Tool Model:	C		
Performed:	Thu Mar 11 09:49:24 2004		
	Reference	Reading	
Low Reference:	56.00 degF	590.26 cps	
High Reference:	163.00 degF	1683.31cps	
Gain:	0.10		
Offset:	-1.78		
Delta Spacing	2		