

Company **Bonanza Creek Energy Inc**

Well Antelope 22-31

Field Wattenberg

County	Weld	State/Province	Colorado
and d			
able or n			
agents c			
nce Sch			

Location SHL: 1514' FNL & 1185' FWL SE NW DIL: 1000' FNL & 1050' FWL SE NW	Other Services None
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Sec - 31, Twp - 5N, Rge - 62W

Elevation	
GL	4589
KB	
DE	4598

3m	KB			G.L. 4589
		May 28, 2011		

1			
6752			
6753			

al	6758		
Casino			

447		
435		

-1/8		
Polymer Gel		
0.0/26		

9.5 / 10.4		
Flowline		

3.84 @ 65 F		
3.07 @ 65 F		
1.88 @ 65 F		

7.00 @ 100 I		
Measure / Calc		
1.25 @ 199 F		

ped	1500			>>>
m	2359			>>>

temperature	199 F		
	52		
Brighton CO			

	Randy Conley	
	Brian Cunningham	Robin Brackman

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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<p>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.</p>	
<p align="center"><u>Comments</u></p>	
<p align="center">Annular volume calculated for 4.5" casing Mid Continent Rig 1</p>	

API #: 05-123-32843-00

16	2	Deep Resistivity (Ohm-m)	200	20
130	2	Medium Resistivity (Ohm-m)	200	20

