

*33-13-22e*Well Owner: Miller Bros. Production

API #: _____

Lease Name: Richardson

Date: _____

Well #: #1 PAGE 1Driller: D. Kellstadt & J. Kennedy

Thickness of Strata	Formation	Total Depth	Comment	# of Joints In	Time	# of Joints Out
10'	Soil & Clay	10'				
51'	Lime	61'				
3'	Shale	64'				
4'	Lime	67'				
48'	Shale	115'				
4'	Lime	119'				
1'	Shale	120'				
4'	Lime	124'				
6'	Dark Shale	130'				
1'	Lime	131'				
28'	Shale	159'				
1'	Lime	160'				
4'	Shale	164'				
13'	Lime	177'				
7'	Shale	184'				
1'	Lime	185'				
7'	Shale	192'				
28'	Lime	220'				
6'	Shale	226'				
21'	Lime	247'				
4'	Shale	251'				
2'	Lime	253'				
8'	Shale	261'				

MEADOWLARK DRILLING, INC.

WELL LOG

33-13-22e

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Driller: D. Kellstadt & J. Kennedy

Thickness of Strata	Formation	Total Depth	Comment	# of Joints In	Time	# of Joints Out
5'	Lime	266'				
20'	Shale	286'				
16'	Sand	302'	6.0 85,000			
143'	Shale	445'				
5'	Lime	450'				
8'	Shale	458'				
12'	Lime	470'				
12'	Shale	482'				
4'	Lime	486'				
12'	Shale	498'				
4'	Lime	502'				
8'	Shale	510'				
4'	Red Bed	514'				
25'	Shale	539'				
5'	Sand	544'	Dry			
52'	Shale	596'				
14'	Sand	610'	Lower Squirrel Dead Sand		(Oil Smell No Show	No Gas)
82'	Shale	692'				
8'	Lime	700'				
2'	Shale	702'				
4'	Lime	706'				
26'	Shale	732'	Total Depth			