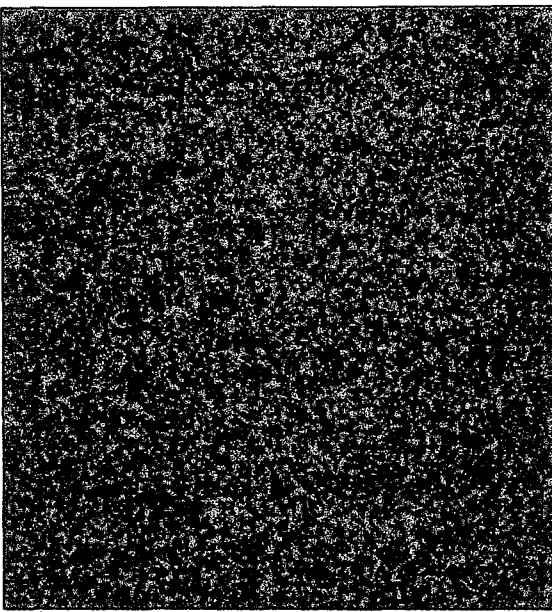


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OCT 11 2013
NMOCD ARTESIA

Customer: Lime Rock Resources	Rig: UDI#33	SHL X:
Lease, Well No.: Simon A 5 M Federal #2	Job No.: CD-13093	SHL Y:
County or Parrish: Eddy County	Location or Area: Artesia New Mexico	Mag.Decl.: 7.68

38.	3009.00	2.00	91.00	2,990.27'	-261.85'	67.93'	270.51'	1.47°
39.	3105.00	1.10	80.50	3,086.24'	-261.73'	70.51'	271.02'	0.98°
40.	3201.00	1.40	75.70	3,182.21'	-261.29'	72.55'	271.09'	0.33°
41.	3298.00	1.30	79.90	3,279.19'	-260.80'	74.79'	271.16'	0.14°
42.	3394.00	1.30	81.00	3,375.16'	-260.44'	76.93'	271.33'	0.03°
43.	3522.00	1.10	78.00	3,503.13'	-259.96'	79.57'	271.50'	0.16°
44.	3618.00	1.30	58.30	3,599.11'	-259.20'	81.40'	271.21'	0.47°
45.	3714.00	2.20	47.10	3,695.07'	-257.37'	83.67'	269.99'	1.00°
46.	3811.00	1.20	82.70	3,792.03'	-255.97'	86.05'	269.21'	1.45°
47.	3907.00	0.40	196.80	3,888.02'	-256.17'	86.95'	269.62'	1.47°
48.	4003.00	0.20	330.80	3,984.02'	-256.34'	86.77'	269.74'	0.58°
49.	4100.00	0.10	8.00	4,081.02'	-256.11'	86.70'	269.50'	0.14°
50.	4196.00	0.80	38.60	4,177.02'	-255.50'	87.13'	269.02'	0.75°
51.	4293.00	0.90	42.00	4,274.00'	-254.41'	88.06'	268.18'	0.12°
52.	4375.00	0.90	36.70	4,355.99'	-253.41'	88.87'	267.41'	0.10°
PTB	4419.00	0.90	36.70	4,399.99'	-252.86'	89.29'	266.98'	0.00°



The above survey data is true and correct, complete and within the limitations of the tool as set forth by Childress Directional Drilling, LLC; that I am authorized and qualified to make this report; that this survey was conducted at the request of Lime Rock Resources; that I reviewed these MWD Surveys and find they conform to the principles and procedures as set forth by Childress Directional Drilling.

Regards,

Art Poffenroth
MWD Manager
Childress Directional Drilling, LLC