MIDWEST WIRELINE

CEMENT BOND LOG WITH GAMMA RAY

Company BNL Enterprise
Well State #9
Field
County Las Animas State Colorado

Location: API # : 05-071-09923
SW SE
815 FSL & 2576 FEL
SEC 9 TWP 30S RGE 54W

Other Services

Permanent Datum Ground Level Elevation
Log Measured From KB 4 Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 5406
D.F.
G.L. 5402

Comp. BNL Enterprise
Well State #9
Field
Co. Las Animas
State Colorado

Date of Service	5/31/2025
Run Number	One
Depth Driller or PBTD	1143
Depth Logger	1139
Bottom Log Interval	1138
Top Log Interval	0
Open Hole Size	8.75
Type Fluid	Water
Fluid Level	Full
Fluid Density	///
Max. Recorded Temperature	86
Max. Wellhead Pressure	00
Wellhead Connection	Head
Estimated Cement Top	Circulated
Unit Number	106
Wireline Size	.288
Location	Hays, Ks
Recorded By	Peter Kondrat
Witnessed By	Justin Trout

	Size	Wt/Ft	Top	Bottom
Tubing Record				
Surface Casing	9.875	36	0	40
Production Casing	7	20	0	TD
Liner Record				

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All interpretations are opinions based on inferences from electrical or other measurements and Midwest Wireline LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Midwest Wireline LLC will not 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.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

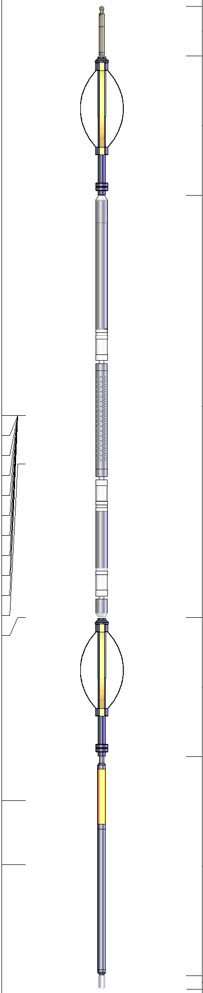
Kim, Co
West to Co Rd 179,
11.3 N, 3.5 East, N to farm house,
Stay on West Rd at Farm house, 4 miles North to lease rd
East into

THANK YOU FOR USING MIDWEST WIRELINE LLC!

Your Midwest Wireline Crew

Engineer: Peter Kondrat
Operator:
Operator:
Operator:

Tool Data - Services Serial Number



Sensor	Offset (ft)
WVFS8	11.88
WVFS7	11.88
WVFS6	11.88
WVFS5	11.88
WVFS4	11.88
WVFS3	11.88
WVFS2	11.88
WVFS1	11.88
WVFCAL	11.88
WVF3FT	11.88
WVF5FT	10.88
HEADVOLT	7.69
CCL	3.90
GR	2.57

Description	Length (ft)	O.D. (in)	Weight (lb
Cable Head-Titan_144 1 7/16" Titan Cable Head	1.03	1.44	2.00
Centralizer-275 Probe 2 3/4" Probe Adjustable Spring Centralizer	2.88	2.75	15.00
PROBE-RBT-DIGITAL-RBL-D (PR-012) Probe 2 3/4" Radii Bond-Digital	8.75	2.75	100.00
Centralizer-275 Probe 2 3/4" Probe Adjustable Spring Centralizer	2.88	2.75	15.00
GR_CCL-2 3/4" Probe (111032)	4.54	2.75	50.00
Bull_Plug-1_7/16_GO Titan 1 7/16" Female Bull Plug	0.27	1.44	1.00

Dataset: bnl.db: field/well/CBL/pass3
Total length: 20.35 ft
Total weight: 183.00 lb
O.D.: 2.75 in

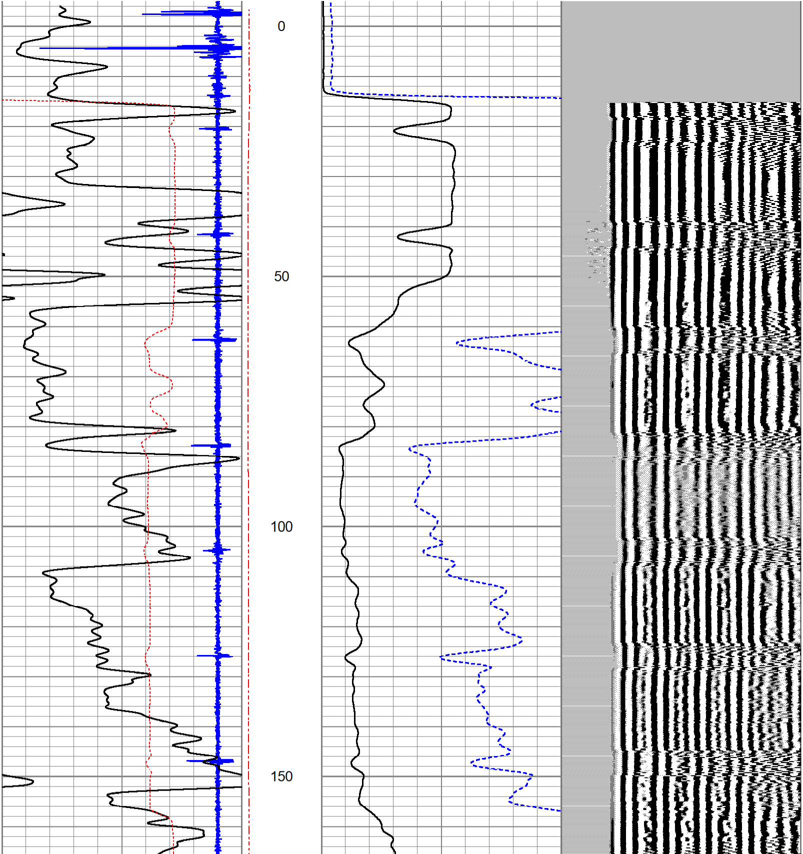
MIDWEST WIRELINE

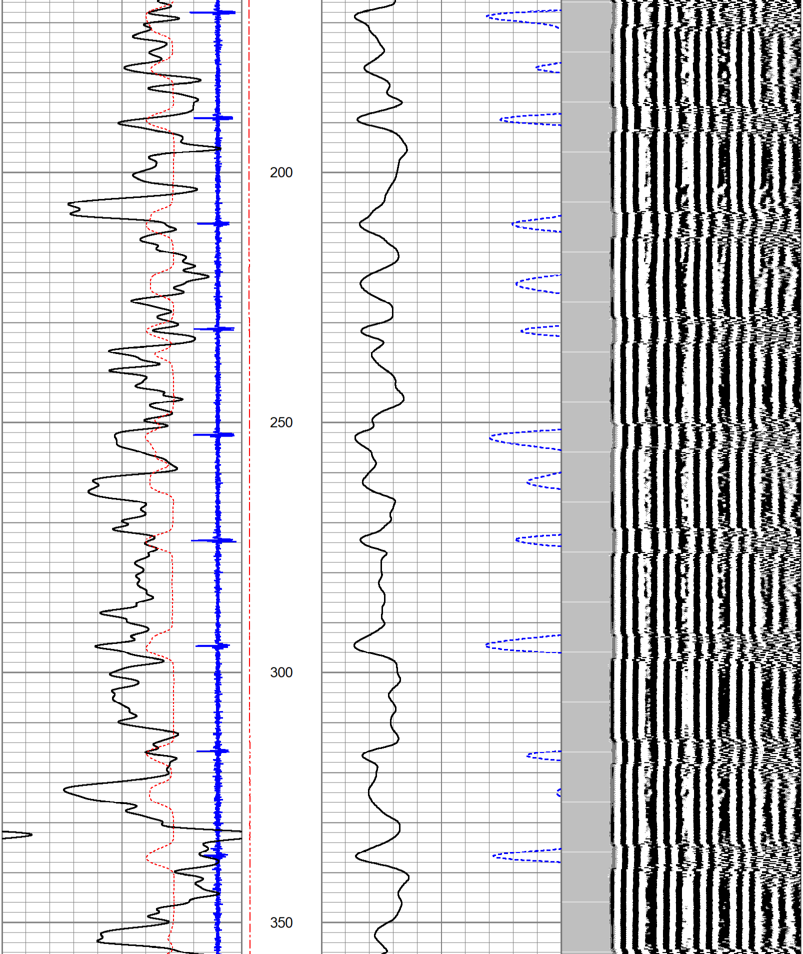
MAIN LOG

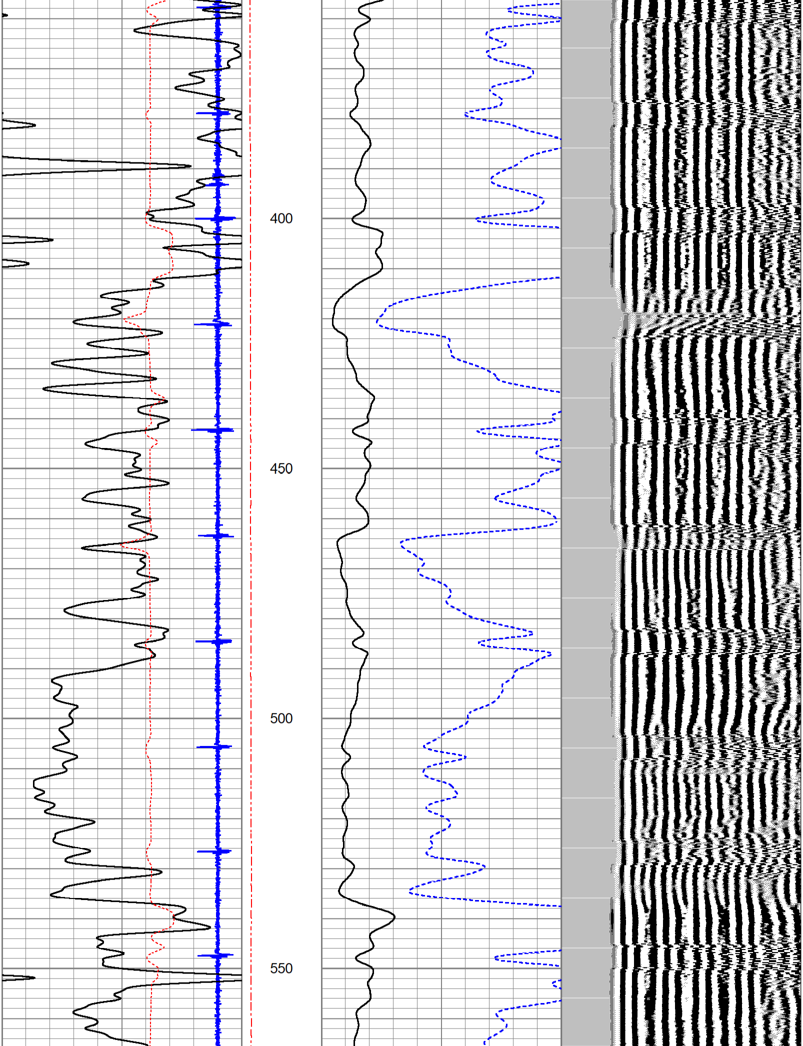
ZERO PSI APPLIED AT SURFACE

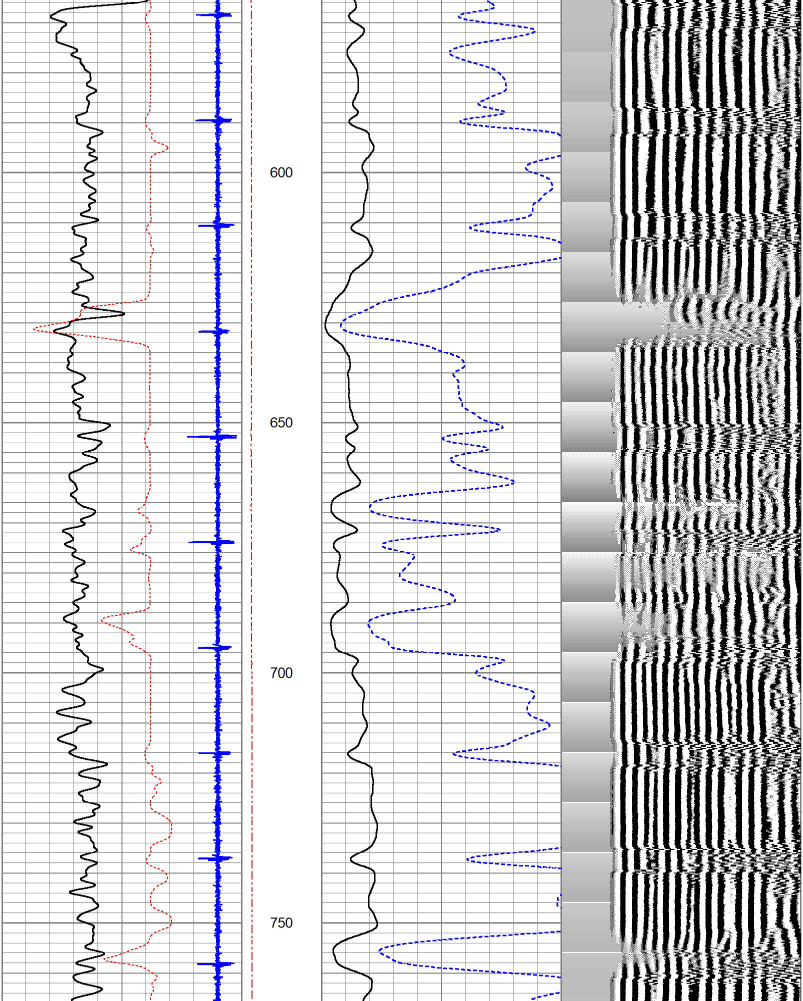
Database File	bnl.db
Dataset Pathname	CBL/pass3
Presentation Format	pinr_cbl
Dataset Creation	Sat May 31 08:42:32 2025
Charted by	Depth in Feet scaled 1:240

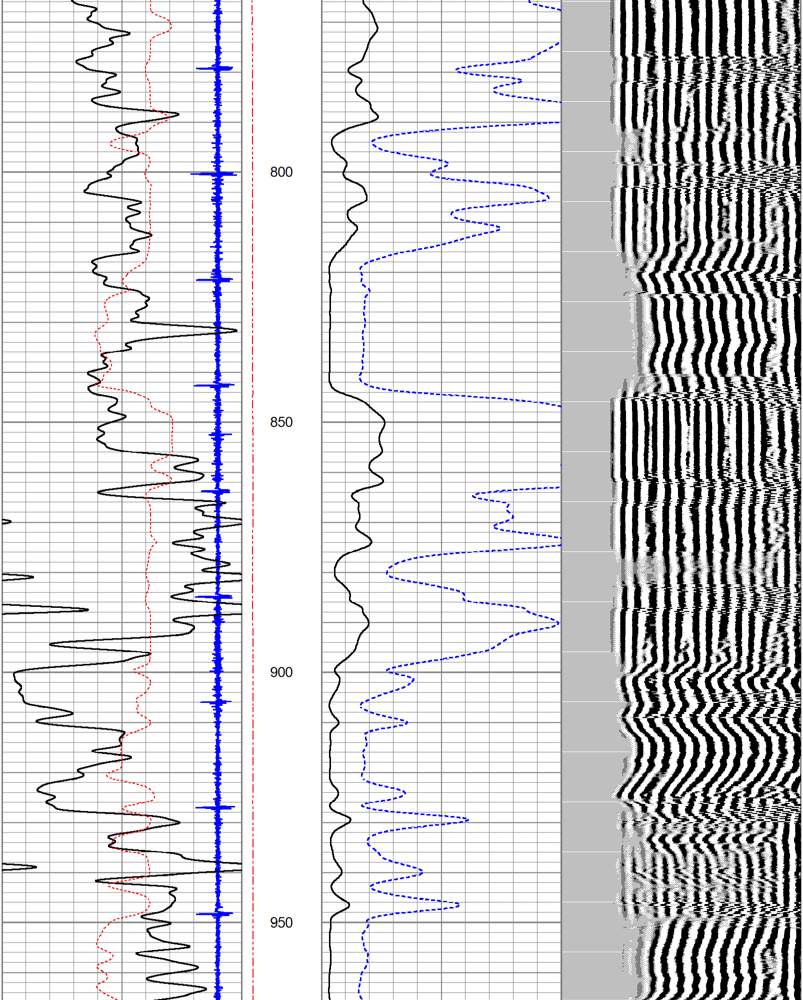
-9	Collar Locator	1	Line Tension				Amplitude x 5		200	WVF5FT (usec)	1200
0	Gamma Ray	150	0	(lb	2000	0	Amplitude (mV)	100			
600	3' Travel Time (usec)	175									

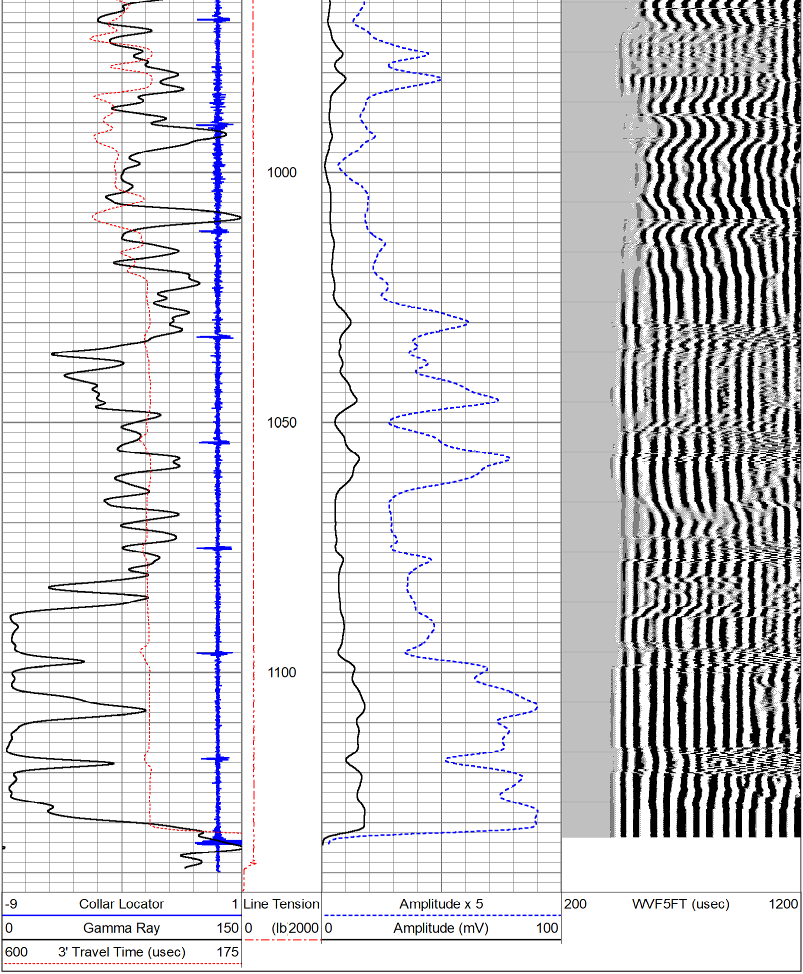








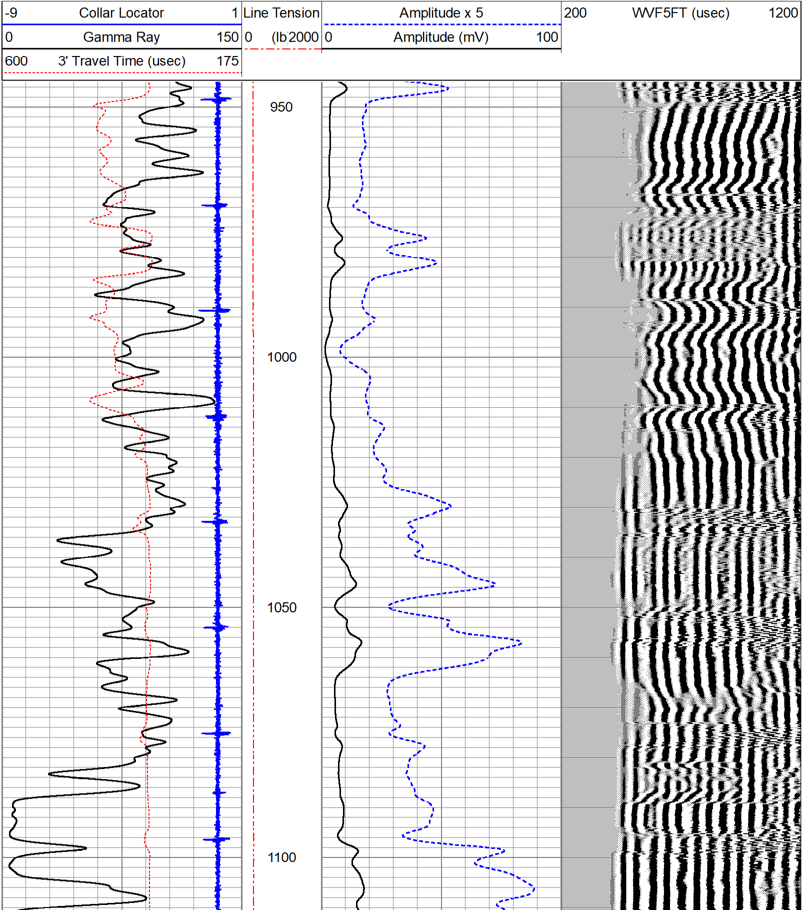


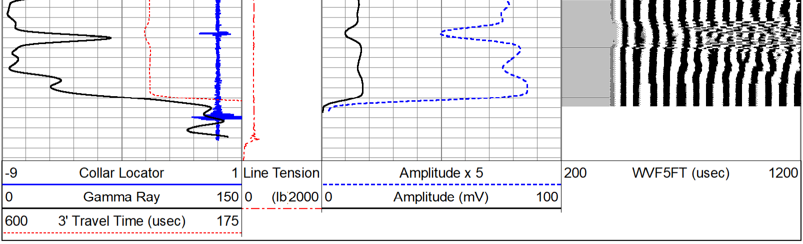


REPEAT SECTION

ZERO PSI APPLIED AT SURFACE

Database File	bnl.db
Dataset Pathname	CBL/pass2
Presentation Format	pinr_cbl
Dataset Creation	Sat May 31 08:34:56 2025
Charted by	Depth in Feet scaled 1:240





Calibration Report

Database File bnl.db
Dataset Pathname CBL/pass3
Dataset Creation Sat May 31 08:42:32 2025

Gamma Ray Calibration Report

Serial Number: 111032
Tool Model: 2 3/4" Probe
Performed: Tue Apr 3 09:45:00 2018

Calibrator Value: 1.0

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 1.0000 /cps

Segmented Cement Bond Log Calibration Report

Serial Number: PR-012
Tool Model: RBL-D

Calibration Casing Diameter: 5.500 in
Calibration Depth: 1569.811 ft

Master Calibration, performed Tue Apr 22 14:58:07 2025:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.003	1.902	0.700	62.200	32.381	0.609
CAL	0.003	1.665				
5'	0.003	1.889	0.700	62.200	32.600	0.613
SUM						
S1	0.005	1.822	0.000	100.000	55.040	-0.263
S2	0.003	1.878	0.000	100.000	53.332	-0.141
S3	0.003	1.926	0.000	100.000	52.008	-0.147
S4	0.003	1.981	0.000	100.000	50.562	-0.146
S5	0.003	1.987	0.000	100.000	50.408	-0.135
S6	0.003	1.931	0.000	100.000	51.870	-0.142
S7	0.003	1.841	0.000	100.000	54.383	-0.142
S8	0.003	1.814	0.000	100.000	55.216	-0.158

Air Zero Calibration, performed Wed Jun 5 08:42:16 2024:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000

MIDWEST WIRELINE

Company	BNL Enterprise
Well	State #9
Field	
County	Las Animas
State	Colorado