Company	ENCANA OIL & GAS INC.
Well	ARISTOCRAT ANGUS 6-2-8
Field	WATTENBERG
County	WELD
State	COLORADO

MW Mesa Wireline LLC

CEMENT BOND LOG

Company ENCANA OIL & GAS INC.

Well ARISTOCRAT ANGUS 6-2-8

Field WATTENBERG

County WELD State COLORADO

Location: API # : 05-123-34282-0000
SHL: 624' FNL & 508' FEL
BHL: 1250' FNL & 1400' FEL
SEC: 8 TWP: 3N RGE: 65W

Other Services
TEMP

Permanent Datum GROUND LEVEL Elevation 4861'
Log Measured From KELLY BUSHING = 13'
Drilling Measured From KELLY BUSHING

Elevation
K.B. 4874'
D.F. 4873'
G.L. 4861'

Date	30 NOVEMBER 2012
Run Number	ONE
Depth Driller	7606'
Depth Logger	7603'
Bottom Logged Interval	7603'
Top Log Interval	450'
Open Hole Size	12.25"
Type Fluid	WATER
Density / Viscosity	~8.34 PPG
Max. Recorded Temp.	270 DEGF
Estimated Cement Top	3340'
Time Well Ready	1000 HOURS
Time Logger on Bottom	1200 HOURS
Equipment Number	W061
Location	AULT, CO
Recorded By	K. MAY
Witnessed By	T. MAJORS

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12.25"	SURFACE	650'				
TWO	7.875"	650'	7606'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8.625"	24#	SURFACE	650'
Prot. String				
Production String	4.5"	11.6#	SURFACE	7606'
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

NOT CORRELATED TO ANY OTHER LOG
SHORT JOINT LOCATED AT 7004' - 7025'

WE APPRECIATE YOUR BUSINESS, MESA WIRELINE LLC, AULT CO. (970) 834-2495

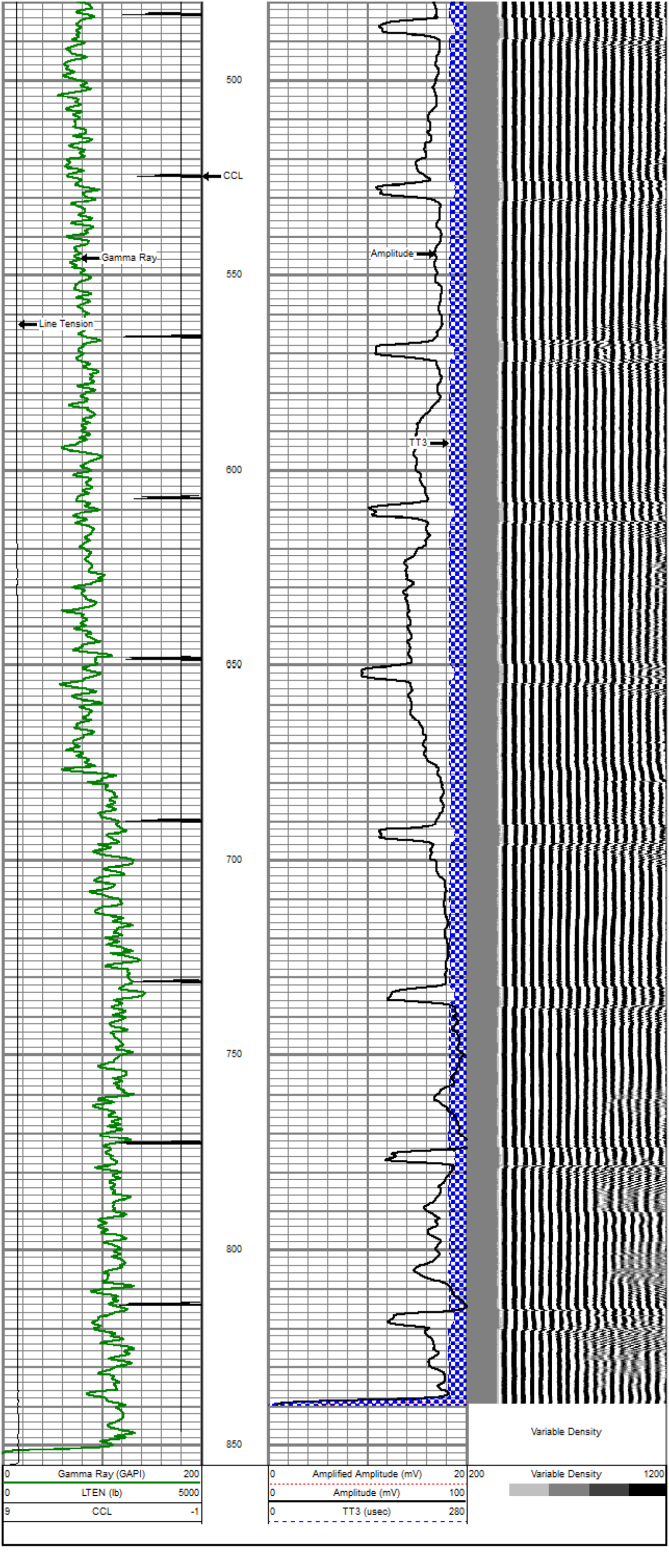
MW Mesa Wireline LLC

SURFACE CASING PASS

5" = 100'

Database File: aristocrat angus 6-2-8 cbl.db
Dataset Pathname: pass5
Presentation Format: dcbl_prb
Dataset Creation: Fri Nov 30 15:52:50 2012 by Log SCH 120430
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	200	0	Amplified Amplitude (mV)	20	200	Variable Density	1200
0	LTEN (lb)	5000	0	Amplitude (mV)	100			
9	CCL	-1	0	TT3 (usec)	280			



0	Gamma Ray (GAPI)	200	0	Amplified Amplitude (mV)	20	200	Variable Density	1200
0	LTEN (lb)	5000	0	Amplitude (mV)	100			
9	CCL	-1	0	TT3 (usec)	280			

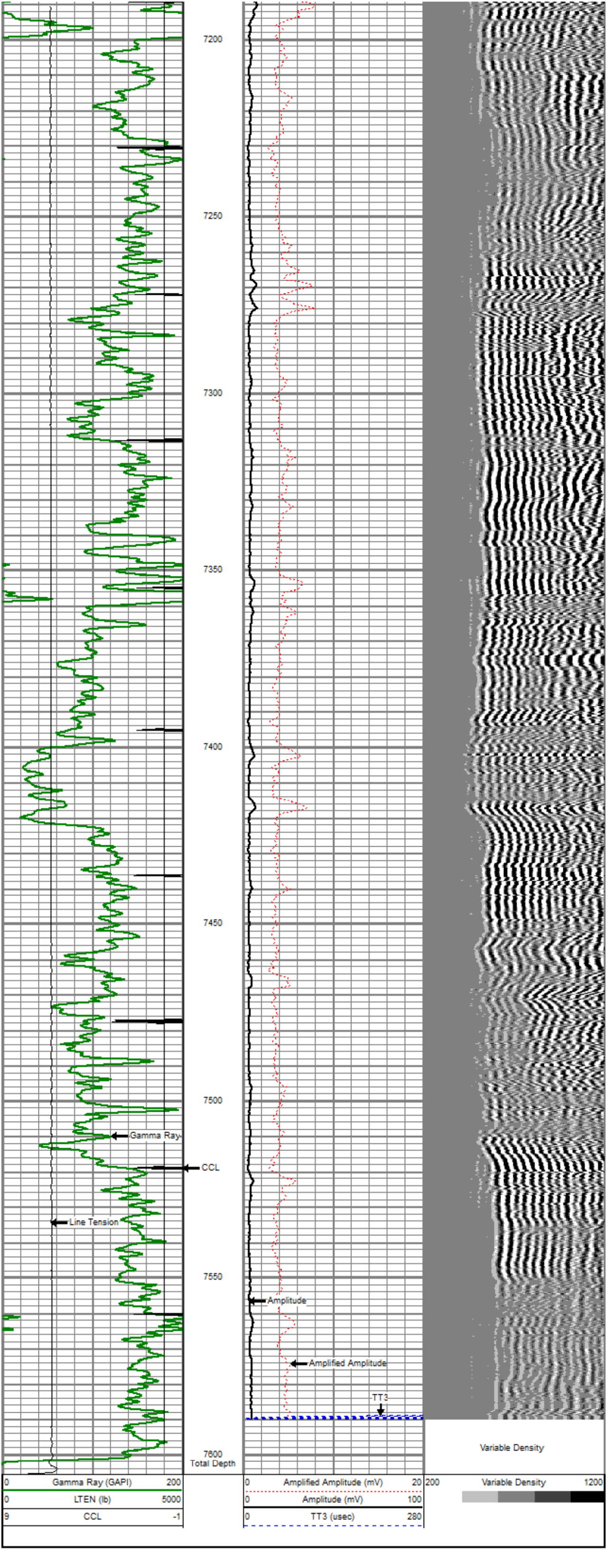
MW Mesa Wireline LLC

REPEAT PASS

SCALE 5" = 100'

Database File: aristocrat angus 6-2-8 cbl.db
Dataset Pathname: pass3
Presentation Format: dcbl_prb
Dataset Creation: Fri Nov 30 14:17:34 2012 by Log SCH 120430
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	200	0	Amplified Amplitude (mV)	20	200	Variable Density	1200
0	LTEN (lb)	5000	0	Amplitude (mV)	100			
9	CCL	-1	0	TT3 (usec)	280			



0	Gamma Ray (GAPI)	200	0	Amplified Amplitude (mV)	20	200	Variable Density	1200
0	LTEN (lb)	5000	0	Amplitude (mV)	100			
9	CCL	-1	0	TT3 (usec)	280			

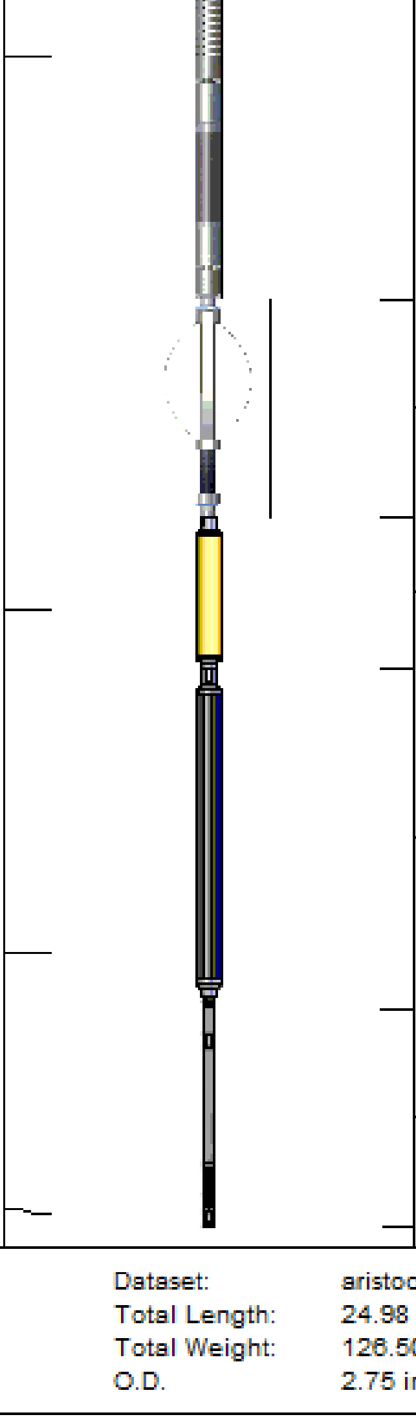
MW Mesa Wireline LLC

MAIN PASS

5" = 100'

Database File: aristocrat angus 6-2-8 cbl.db
Dataset Pathname: pass4
Presentation Format: dcbl_prb
Dataset Creation: Fri Nov 30 14:27:04 2012 by Log SCH 120430
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	200	0	Amplified Amplitude (mV)	20	200	Variable Density	1200
0	LTEN (lb)	5000	0	Amplitude (mV)	100			
9	CCL	-1	0	TT3 (usec)	280			

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			titan Titan Cable Head Go Pin.	1.02	1.44	1.50
			Centralizer-Probe (CENT-PROBE-1) Probe Bowspring Centralizer	2.88	2.75	10.00
WVF3 WVF5	16.56 15.56		CBL-PRB_CBL_DIGITAL (PRB_CBL_DIG Probe 2.75" Dual Receiver Bond	28.77 1)	2.75	60.00
			Centralizer-Probe (CENT-PROBE-2) Probe Bowspring Centralizer	2.88	2.75	10.00
CCL	8.21		CCL-PRB_CCL_2MAG (PRB_CCL_2MAG Probe 2 Magnet CCL	02.02	2.75	
GR	3.63		GR-PROBE_GR (PRB_GR_275_01) Probe stand alone Gamma Ray Tool	4.54	2.75	30.00
TEMP	0.17		TEMP-Comprobe (TEMP_CMPRB_1375_0' Positive pulse Temp tool	2.88	1.38	15.00

Dataset: aristocrat angus 6-2-8 cbl.db: field/well/run1/pass4
Total Length: 24.98 ft
Total Weight: 126.50 lb
O.D. 2.75 in

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Well	ARISTOCRAT ANGUS 6-2-8
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State	COLORADO