OSAGE WIRELINE

HIGH RESOLUTION COMPENSATED DENSITY SIDEWALL NEUTRON LOG

Company	COLT ENERGY INC.
Well	BROWN, R & H # 9-9
Field	
County	VERNON
State	MISSOURI

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Field			
County	**VERNON**	**State**	**MISSOURI**

Location: API # : 24-217-22840

S/2 NE NE SE
2040' FSL & 330' FEL
SEC 09 TWP 35N RGE 33W

Other Services
DIL

Permanent Datum GL Elevation 812'
Log Measured From GL
Drilling Measured From GL

Elevation
K.B. --
D.F. --
G.L. 812'

Date	8-07-2012			
Run Number	ONE			
Depth Driller	240'			
Depth Logger	239'			
Bottom Logged Interval	237'			
Top Log Interval	SURFACE			
Casing Driller	7" @ 21'			
Casing Logger	7" @ 21'			
Bit Size	6.50"			
Type Fluid in Hole	WATER			
Density / Viscosity				
pH / Fluid Loss				
Source of Sample				
Rm @ Meas. Temp				
Rmf @ Meas. Temp				
Rmc @ Meas. Temp				
Source of Rmf / Rmc				
Rm @ BHT				
Time Circulation Stopped				
Time Logger on Bottom				
Maximum Recorded Temperature				
Equipment Number	OW2			
Location	HOMINY, OK			
Recorded By	LOWERY			
Witnessed By	MR. STEGEMAN			

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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

OW2-8188
MATRIX LIMESTONE 2.71 G/CC
ABHV COMPUTED WITH 4 1/2" CASING

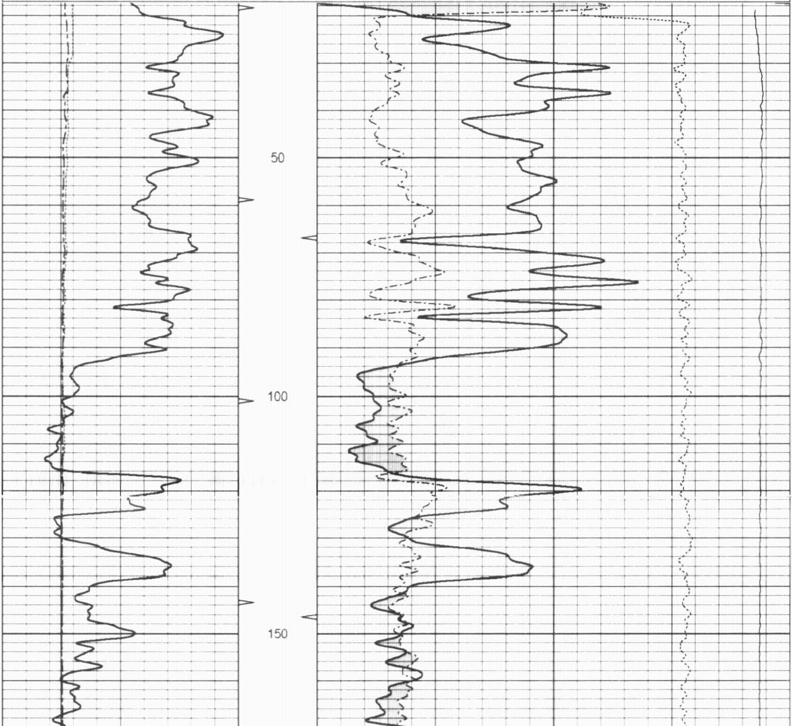
CREW : JOHNSON, SHAMBLES

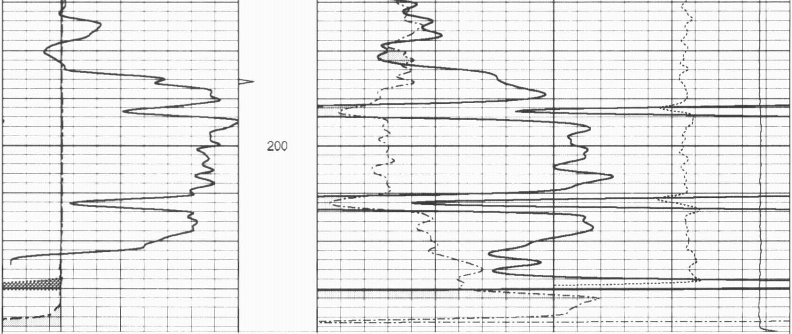
PERMIT # 217-22840

5" CDL/SWN SECTION

Database File:	ow2-8188 colt energy.db
Dataset Pathname:	CDL/pass1.3
Presentation Format:	_neu4
Dataset Creation:	Tue Aug 07 15:56:46 2012 by Calc SOC 111108
Charted by:	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	TBHV	30			Density Porosity (pu)	-10
4	Bit size (in)	14	ABHV	30			Neutron Porosity (pu)	-10
4	Neutron Caliper (in)	14			-0.5	Correction (g/cc)		0.5
4	Density Caliper (in)	14			5000	Line Tension (lb)		0





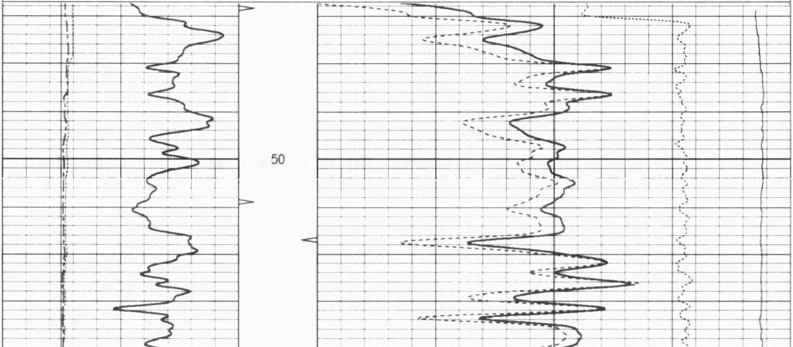
0	Gamma Ray (GAPI)	150	TBHV	30	Density Porosity (pu)	-10
4	Bit size (in)	14	ABHV	30	Neutron Porosity (pu)	-10
4	Neutron Caliper (in)	14		-0.5	Correction (g/cc)	0.5
4	Density Caliper (in)	14		5000	Line Tension (lb)	0

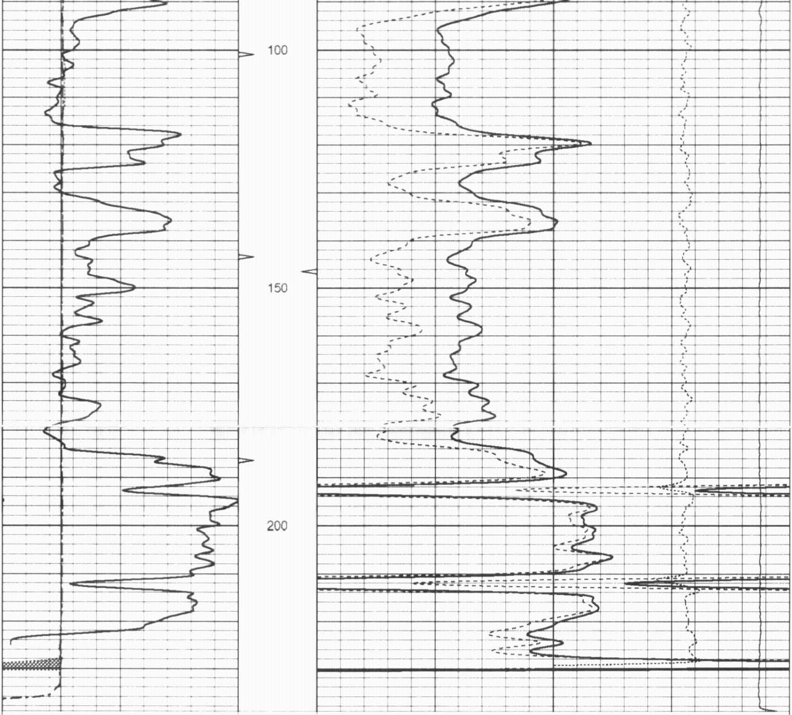
OSAGE WIRELINE

5" CDL SECTION

Database File:	ow2-8188 colt energy.db
Dataset Pathname:	CDL/pass1.2
Presentation Format:	bulk4
Dataset Creation:	Tue Aug 07 15:56:35 2012 by Calc SOC 111108
Charted by:	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3
4	Bit size (in)	14	ABHV	30	Density porosity (pu)	-10
4	Density Caliper (in)	14		-0.5	Correction (g/cc)	0.5
4	Neutron Caliper (in)	14		5000	Line Tension (lb)	0



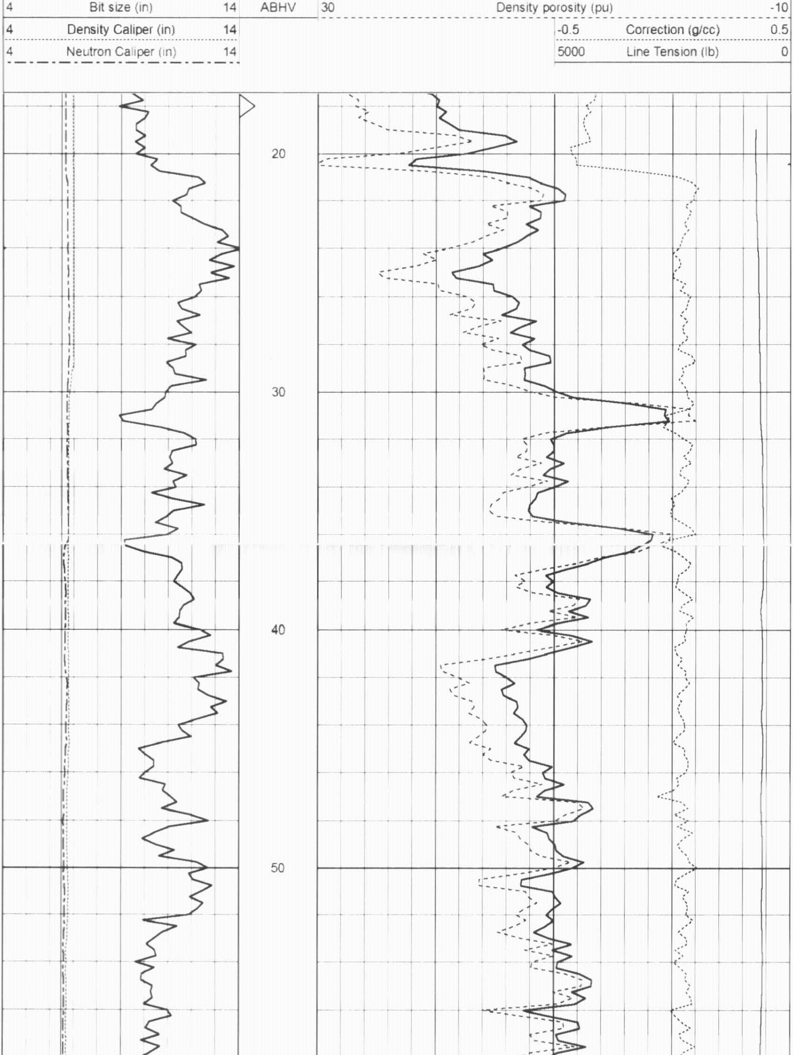


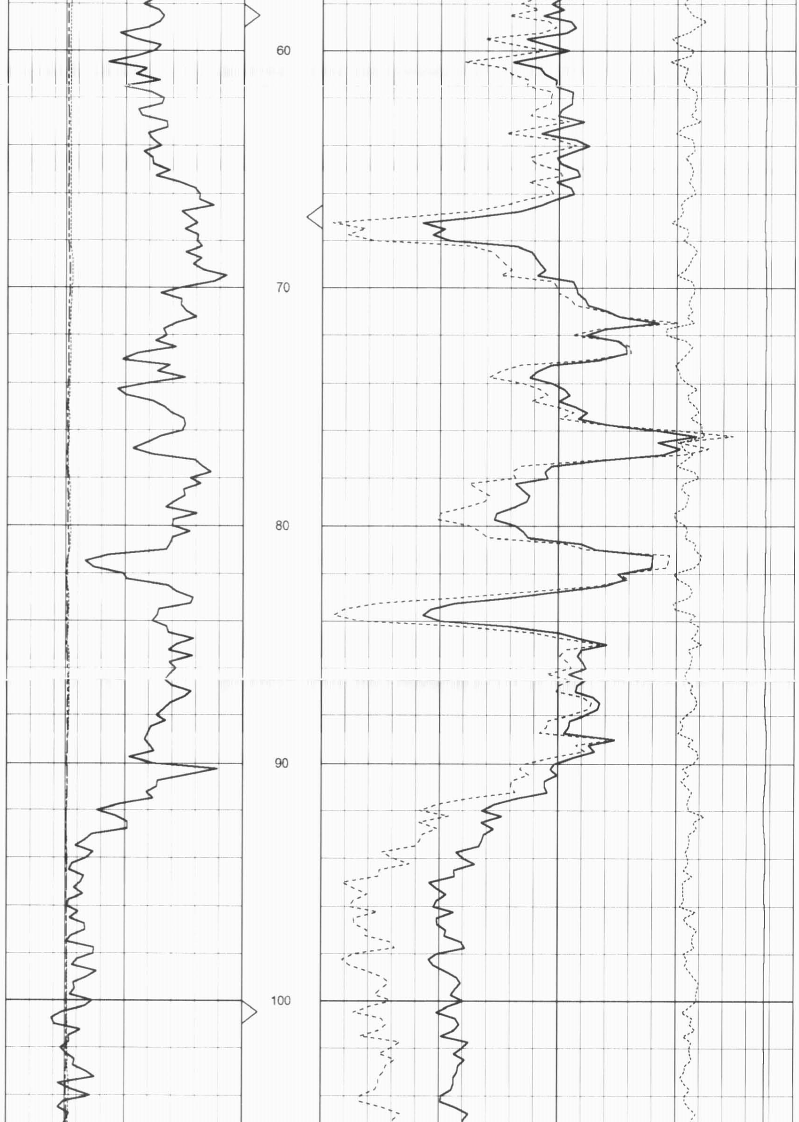
0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3
4	Bit size (in)	14	ABHV	30	Density porosity (pu)	-10
4	Density Caliper (in)	14		-0.5	Correction (g/cc)	0.5
4	Neutron Caliper (in)	14		5000	Line Tension (lb)	0

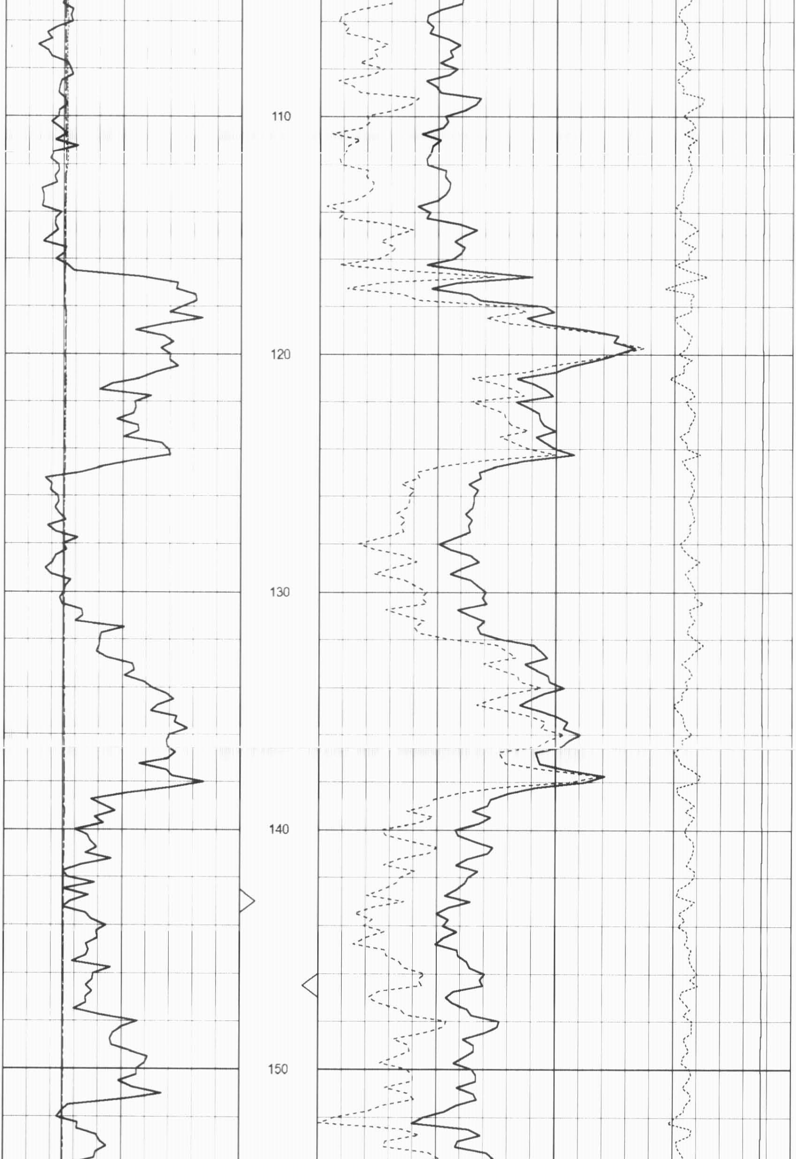
25" HR CDL SECTION

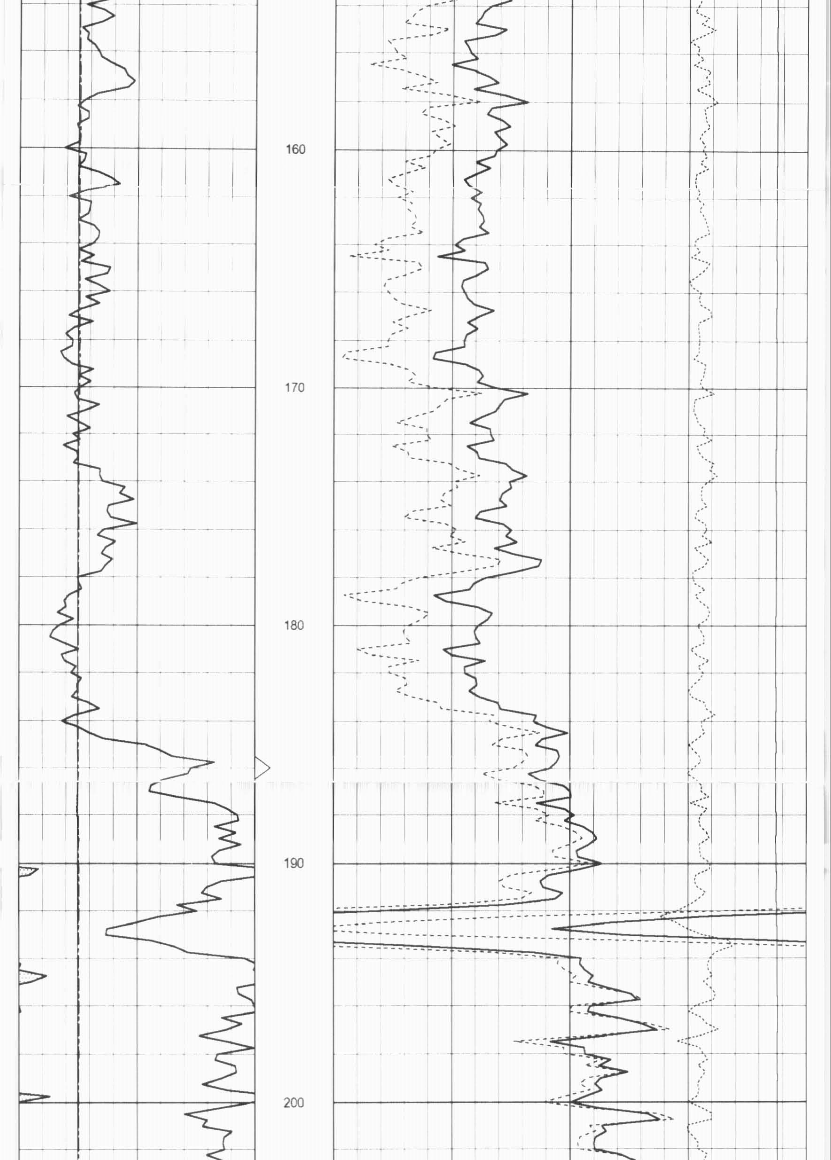
Database File:	ow2-8188 colt energy.db
Dataset Pathname:	CDL/pass1.4
Presentation Format:	bulk4hr
Dataset Creation:	Tue Aug 07 15:57:09 2012 by Calc SOC 111108
Charted by:	Depth in Feet scaled 1:48

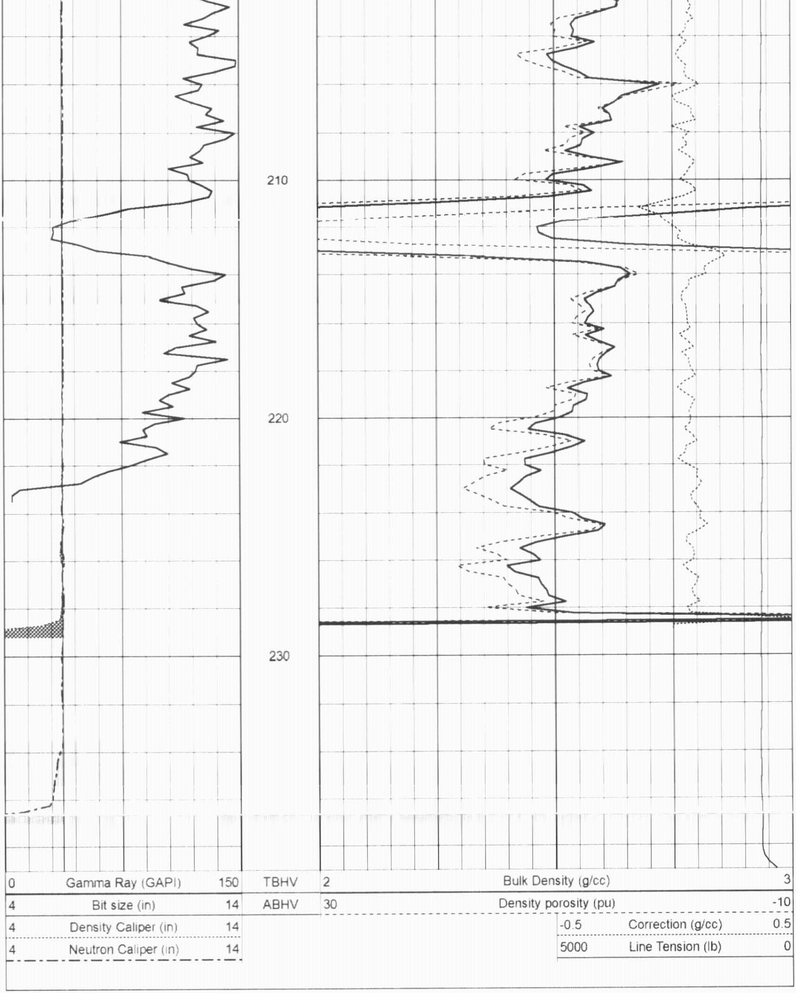
0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3

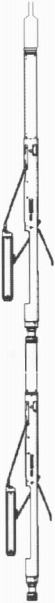










Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CableHead Isulation Sub	1.42	3.00	20.00
GR	16.06		Gamma-Oilex3006 (3006) Gamma Ray Section	2.81	3.50	75.00
LSD DCAL SSD	10.44 10.15 9.98		Density-Oilex3006 (280) Density Section	6.29	4.00	200.00
SCAL NEU SWN	2.54 2.15 2.15		Neutron-Sidewall3015 (3015) Sidewall Neutron Section	7.81	4.00	150.00

Dataset:	ow2-8188 colt energy.db: field/well/CDL/pass1
Total Length:	18.33 ft
Total Weight:	445.00 lb
O.D.	4.00 in