OCC Case No. 14418

CIMAREX ENERGY

Exhibit #12

HALLIBURTON

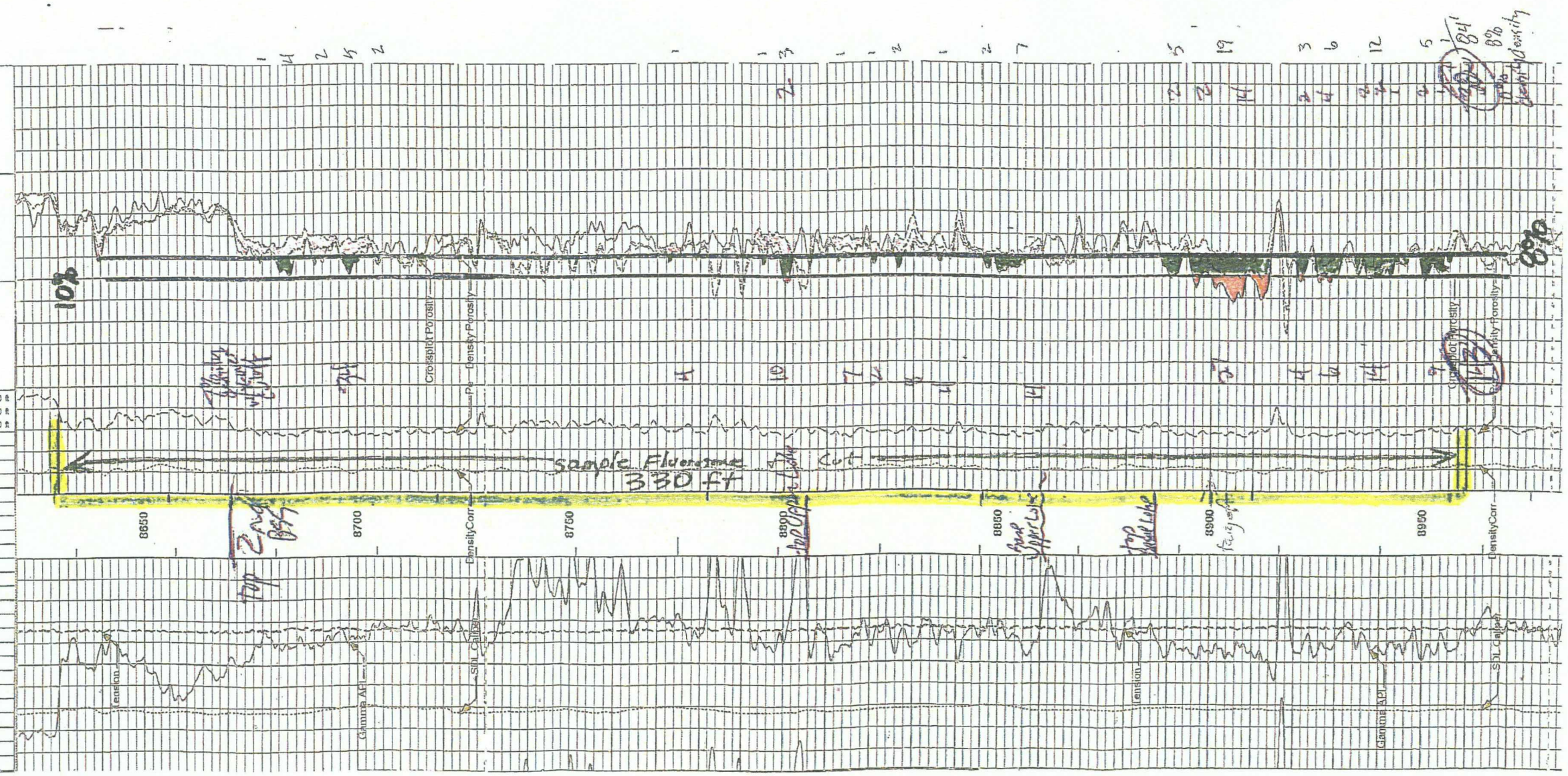
SPECTRAL DENSITY
DUAL SPACED NEUTRON

COLORADO | PENNY PINCHER FEDERAL COM No. 1 | LUSK; BONE SPRING WEST | EDDY | NEW MEXICO

COMPANY	CIMAREX ENERGY CO. OF COLORADO
WELL	PENNY PINCHER FEDERAL COM No. 1
FIELD	LUSK; BONE SPRING WEST
COUNTY	EDDY STATE NEW MEXICO

API No. 30-015-37699
Location 660' FNL & 990' FWL

Other Services:
DLLT/MGRD

Sect. 21 Twp. 19S Rge. 31E

...manent Datum	GL	Elev. 3480.0 ft	Elev.: K.B.	3498.0 ft
...measured from	KB	18.0 ft above perm. Datum	D.F.	3497.0 ft
...ling measured from	KB		G.L.	3480.0 ft
...e	10-Apr-10			
...No.	ONE			
...th - Driller	9250.00 ft			
...th - Logger	9251.0 ft			
...om - Logged Interval	9196.0 ft			
...- Logged Interval	190.0 ft			
...ing - Driller	9.625 in @ 4195.0 ft	13.375 in @ 2580.0 ft	18.625 in @ 575.0 ft	
...ing - Logger	4190.0 ft			
...Size	8.750 in	@	@	
...e Fluid in Hole	FRESH			
...sity / Viscosity	9.1 ppg / 29.00 s/qt			
Fluid Loss	10.00 ph / 100.0 cptm			
...rce of Sample	FLOWLINE			
...@ Meas. Temperature	0.090 ohmm @ 75.00 degF	@	@	
...f @ Meas. Temperature	0.06 ohmm @ 76.00 degF	@	@	
...c @ Meas. Temperature	0.108 ohmm @ 75.00 degF	@	@	
...ce Rmf / Rmc	MEAS / MEAS			
...@ BHT	0.05 ohmm @ 145.0 degF	@	@	
...e Since Circulation	6.0 hr			
...e on Bottom	11-Apr-10 05:26			
...Rec. Temperature	145.0 degF @ 9251.0 ft	@	@	
...ipment / Location	799 / HOBBS, NM			
...orded By	IBRAHIM ZERLIN			
...essed By	BUTCH READ