

# Independence Hearing

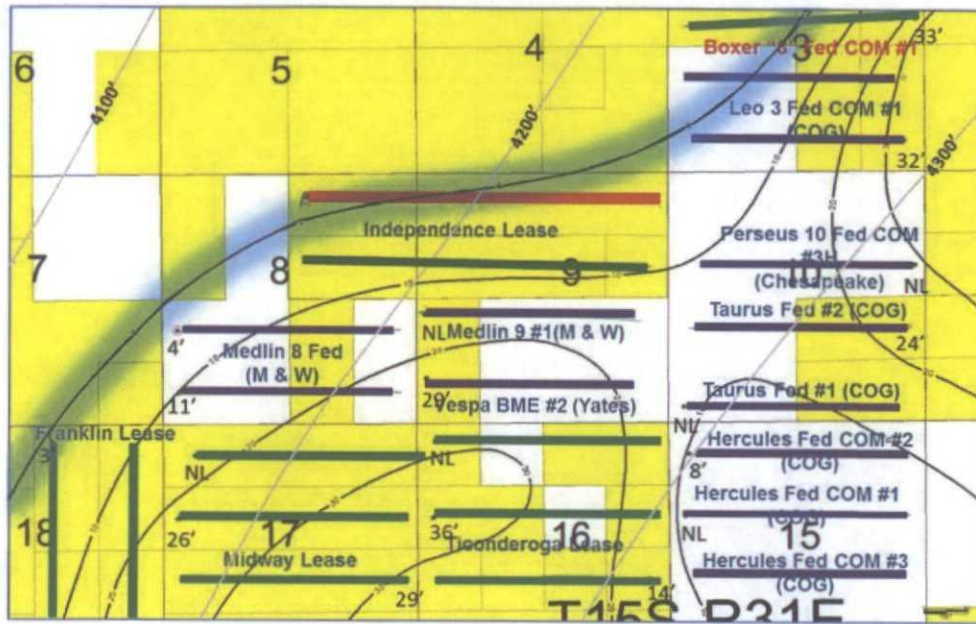
## *Geology*

Case # 14966

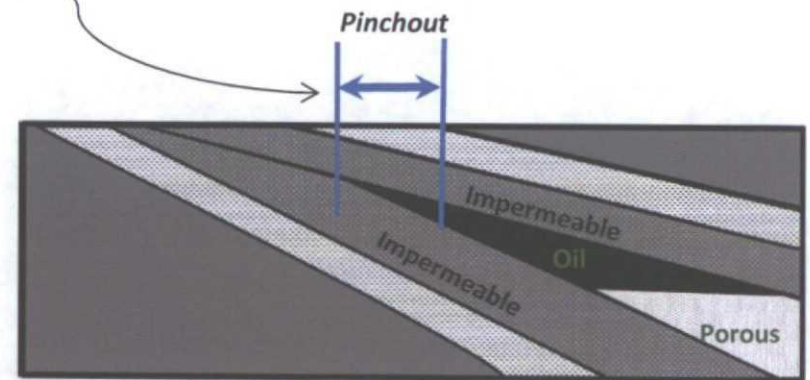
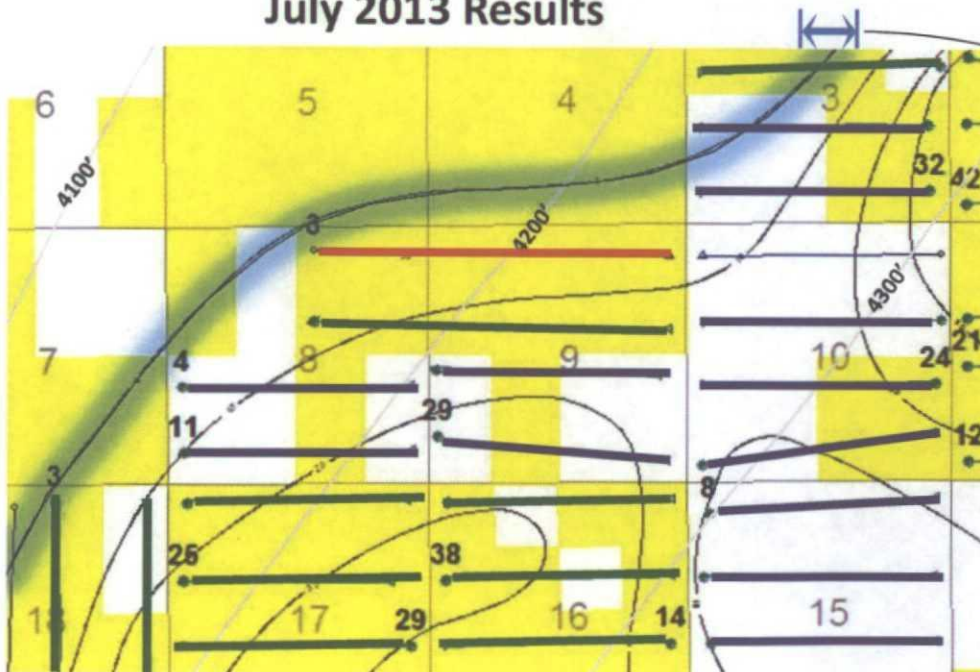
10/10/13

Oil Conservation Division  
Case No. 9  
Exhibit No. 9

## March 2013 Interpretation



## July 2013 Results



### Depositional Model Schematic

W

29078  
MARSHALL & WINSTON INC  
MEDUN 8 FEDERAL COM

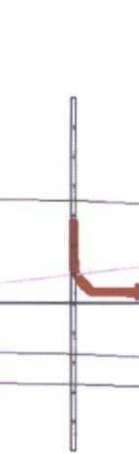
T15S R31E S8  
1980 FSL 330 FWL  
COMP DATE: 7/31/2009  
CUM OIL: 92,754 BBLS  
CUM GAS: 88,625 MCF



L Abo Pay: 4

29152  
CIMAREX ENERGY OF CO  
INDEPENDENCE 3 FEDERAL COM

T15S R31E S8  
1830 FNL 2310 FEL



27995  
COG OPERATING LLC  
TAURUS STATE COM  
2H

T15S R31E S10  
1980 FSL 330 FEL  
COMP DATE: 1/14/2010  
CUM OIL: 100,496 BBLS  
CUM GAS: 97,532 MCF



L Abo Pay: 24

E



March 2013 Interpretation



L Abo Pay: 4

L Abo Pay: 3

L Abo Pay: 24

July 2013 Results



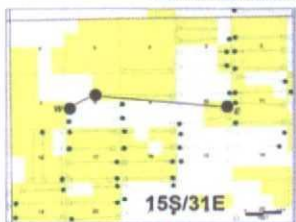
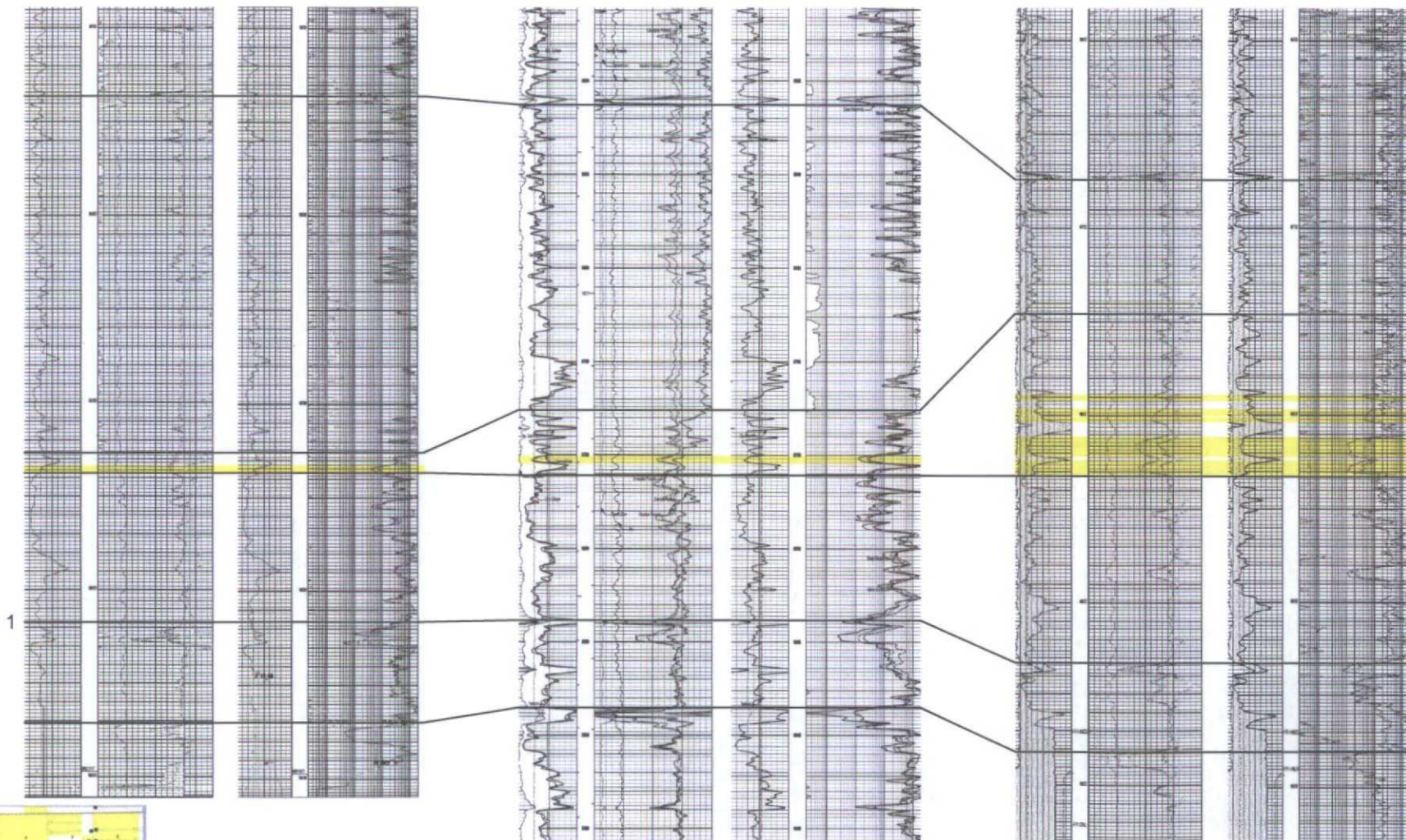
W

Medlin 18 Fed Com  
Marshall & Winston Inc.  
T15S R31E S8  
120,511 BBLS  
149,168 MCF

Independence 8 Fed Com  
Cimarex Energy of CO  
T15S R31E S8

Taurus State Com  
COG Operating Limited Liability Corp  
T15S R31E S10  
133,923 BBLS  
159,975 MCF

E



L Abo Pay: 4'

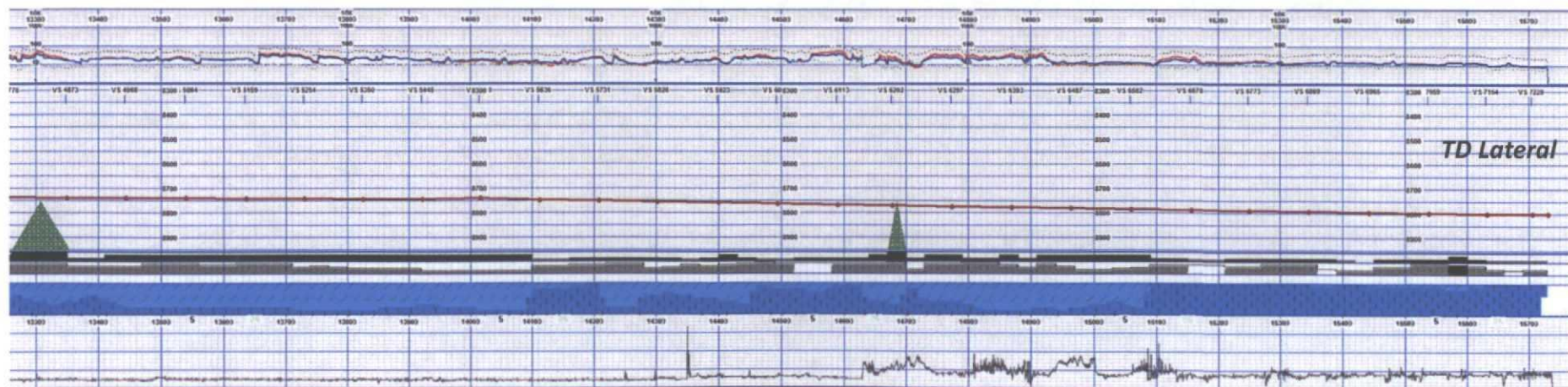
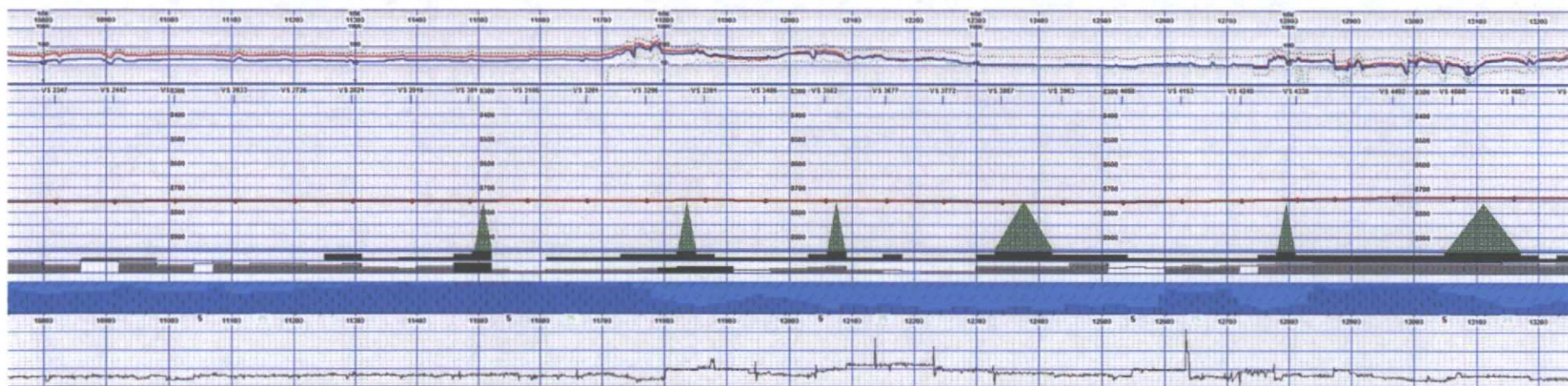
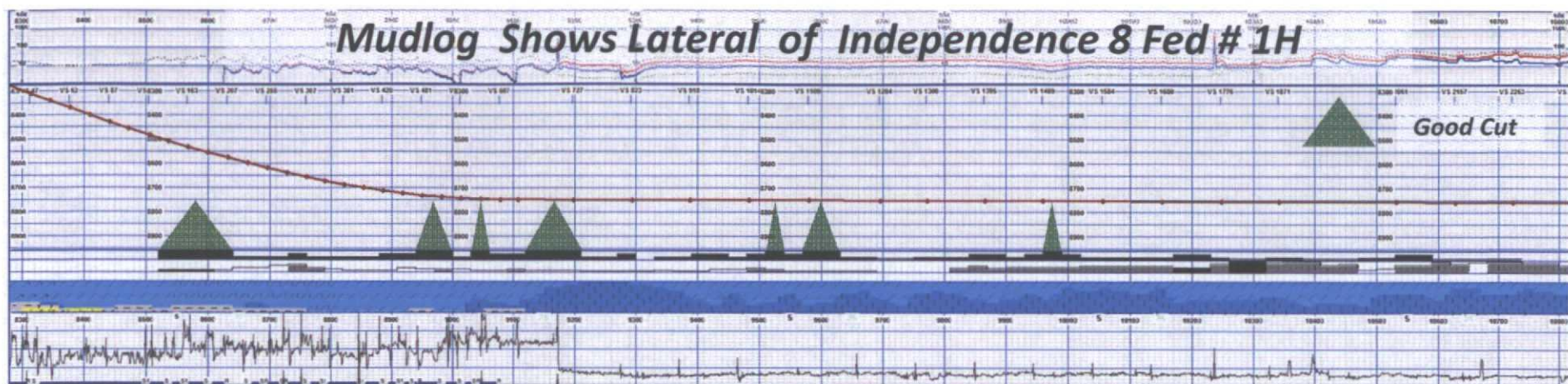
L Abo Pay: 3'

L Abo Pay: 24'

CIMAREX

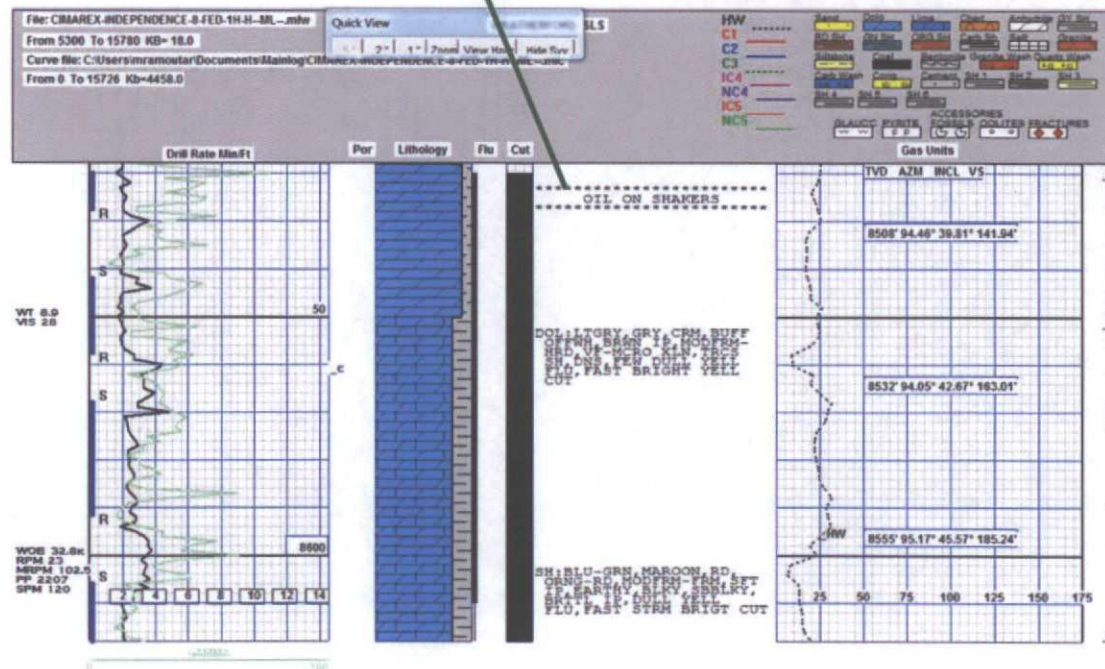
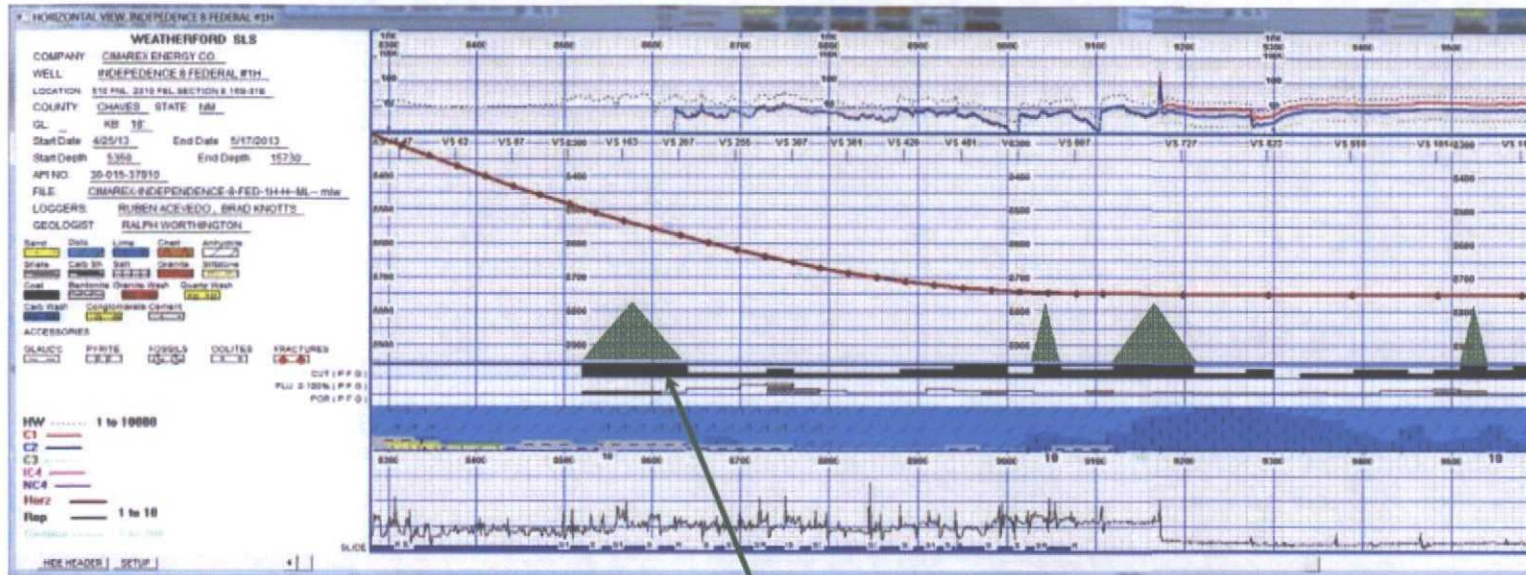


# Mudlog Shows Lateral of Independence 8 Fed # 1H





# Mudlog Through the first ~1000' VS of Horizontal Independence 8 Fed # 1H



Good Mudlog Shows throughout horizontal with comparable shows in first ~1000'VS of lateral- good cut/florescence & porosity logged showing that part of lateral would be economically producible.