

DIST. 3

iv. HYDROCARBONS WILL LOG

// — Anhydritic
 B — Bentonitic
 C — Calcareous
 C — Carbonaceous, Coaly
 D — Dolomitic
 F — Fossiliferous
 G — Glauconitic
 O — Oolitic
 P — Pyritic
 S — Siliceous

WELL LOCATION

[Home](#)
[About Us](#)
[Contact Us](#)
[Privacy Policy](#)
[Terms of Service](#)
[FAQ](#)
[Blog](#)
[Help](#)

7" casing set at 2885 ft.

2.5 5 7.5 10

WOB 8-10
RPM 110
PP 725

TD 3096 ft.

NEBU 23-A

NEBU 453

NEBU 23

6

NEBU 451

NEBU 37

NEBU 37-A

TOTAL GAS	T
METHANE	i
ETHANE	2
PROPANE	3
ISO & N-BUTANE	4
OIL INDICATOR	$\frac{C_3 + C_4}{C_1}$ 0

HYDROCARBON ANALYSIS

0.01 0.1

5 ft. sample interval
Drilling with fresh water

Depth of Coal Intervals
(# of canistered samples)

100 units	Total Gas	= 1% methane
10	100	1000 units
100	1000	10,000 ppm

Heavies	100	1000 ppm
CO ₂	1000	10,000 ppm

ONSET OF FLARED GAS—

C_3 $\leftarrow C_2$

 $1 - c_2$

Total	53 u.
C ₁	3110 ppm
C ₂	76 ppm
C ₃	38 ppm

total 141 units
C₁ 6,235 ppm

total 234 units
C₁ 7,325 ppm

total 102 units
C₁ 6,050 ppm

total 164 units
C₁ 6,590 ppm

2973-79
(1 can)
2983-84
2987-88

3001-04
3007-09
(1 can)

3052-56
(1 can)
3058-60

3083-93
(1 can)

NOTE: All samples have been ground to an extremely fine size.

Sh and Coal: Sh is mdk brn, some blk brn, sub platy, earthy-sub res, sli-mod silty, mod-v carb w/ coaly lam, coal under-represented in sample due to fine size, blk, sub platy, sub res-sub vit, grainy texture, v carb & arg, mod abnt amber resin, poor quality coal

Ss gy, med brn, brn gy,
pred vf gr, sub ang-sub
rd, mod srt, simpl disagg
mod-v silty, NS

Sltst med gy brn, sub
platy-sub blocky, firm,
mod carb w/ occ coaly
laminae, sli calc

Coal black & brn blk,
sub platy-sub blocky,
20% vitreous luster,
rest sub vit-res, mod
carb w/ grainy texture
fair amount amber-tan
translucent resin, fair
quality coal

Coal black & brn blk,
sub platy-sub blocky,
less vit than above,
grainy texture, mod
carb & argill., mod
abundant amber resin,
poor-fair quality coal

Sltst dk gy, med gybrn
sub blocky, mod firm,
sli calc, earthy-sub
res luster, non-mod
carb & argillaceous

Sh m-dk brn, gen sub
platy, earthy-sub res,
soft, carb w/ coal lam

Coal black & gy blk,
sub platy-sub blocky,
very little vit, pred
sub vit-resinous, less
carb than above, abnt
amber resin, poor-fair
quality coal

Ss gy,vf-f gr,sub ang
mod w srt,fri,sli calc

Coal pred black, sub
blocky-occ blocky text
w/ some conch frac, 40-
50% vitreous luster,
some carb material,
fair amount amber
resin, good quality
coal, best of well

T/ Main P.C. 3094'
TD sample- Ss gy-
clear, sample disagg,
sub rd-sub ang, f gr,
scattered glauc, tr blk
intgran residue, NF, NC