



Company : Petro Tech Pty. Ltd

Well : Hazelwood-1

Interval : 266.00 - 567.97 meters

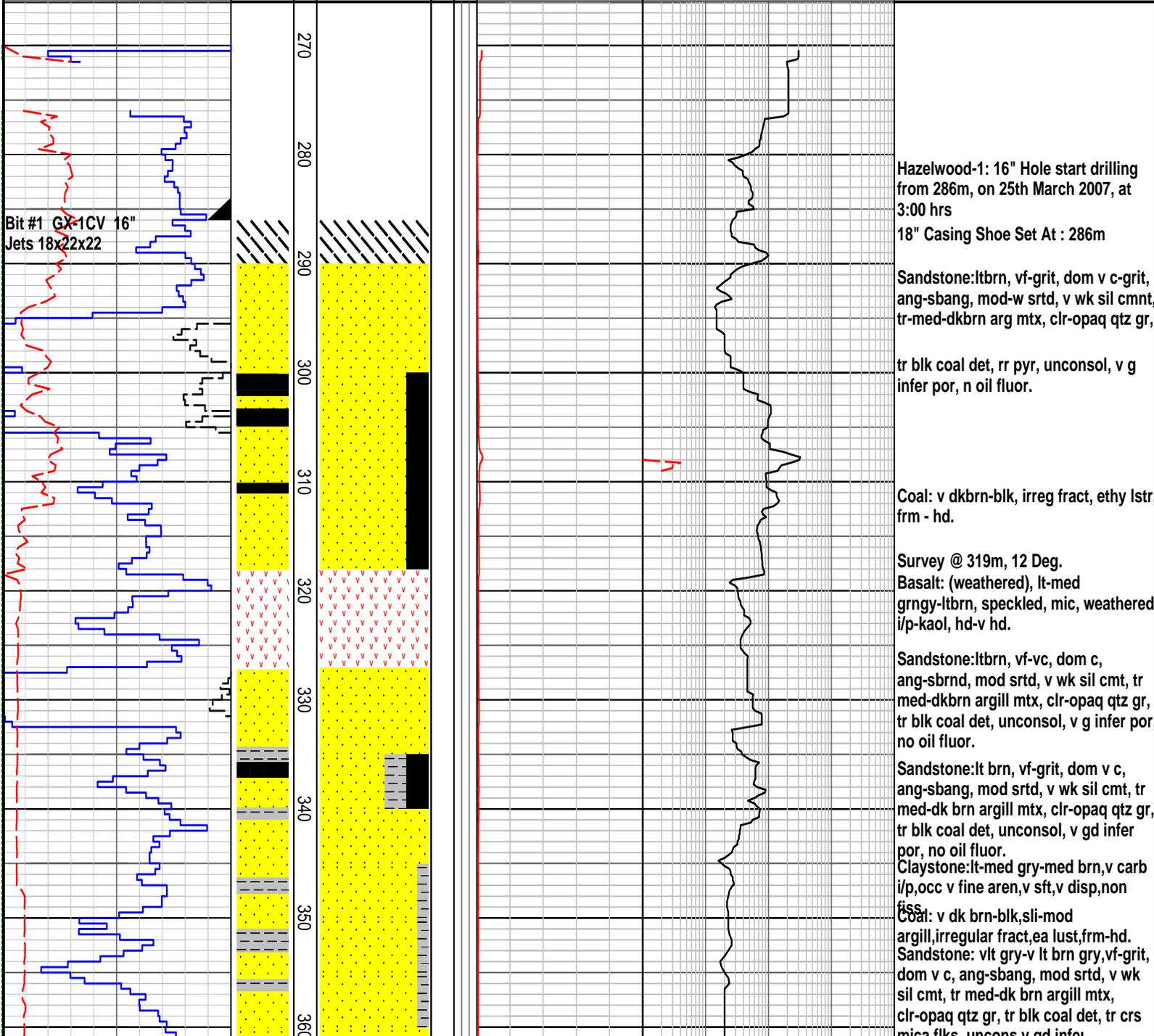
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INTEQ



### FORMATION EVALUATION LOG

RATE OF PENETRATION		LITHOLOGY	LITHOLOGY	OIL SHOWS	TOTAL GAS	CHROMATOGRAPH				REMARKS																	
ROP (0-50m/hr)	Backup ROP (50-200m/hr)					1	Methane ppm	10000	1		Ethane ppm	10000	1	Propane ppm	10000	1	iso-Butane ppm	10000	1	n-Butane ppm	10000	1	iso-Pentane ppm	10000	10	100	1000
50	45	40	35	30	25	20	15	10	5																		
200	185	170	155	140	125	110	95	80	65																		
WOB (klb)		TORQUE AVG																									
5	10	15	20	25	30	35	40	45	50																		
5	10	15	20	25	30	35	40	45	50																		



Bit #1 GX-1CV 16" Jets 18x22x22

Hazelwood-1: 16" Hole start drilling from 286m, on 25th March 2007, at 3:00 hrs  
 18" Casing Shoe Set At : 286m

Sandstone:ltbrn, vf-grit, dom v c-grit, ang-sbang, mod-w srtd, v wk sil cmnt, tr-med-dkbrn arg mtx, clr-opaq qtz gr, tr blk coal det, rr pyr, unconsol, v g infer por, n oil fluor.

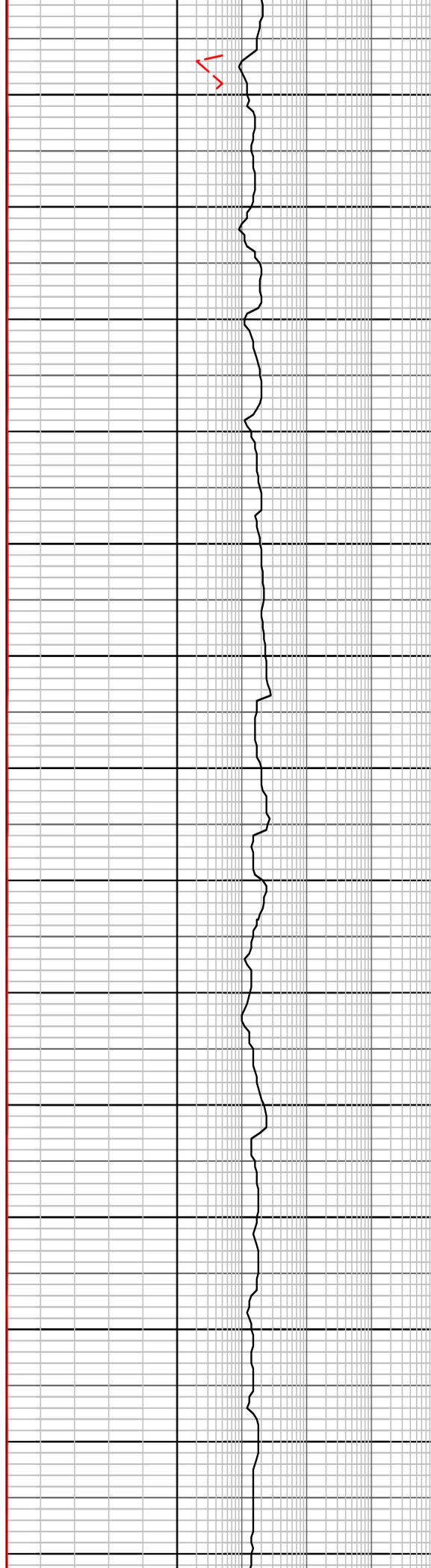
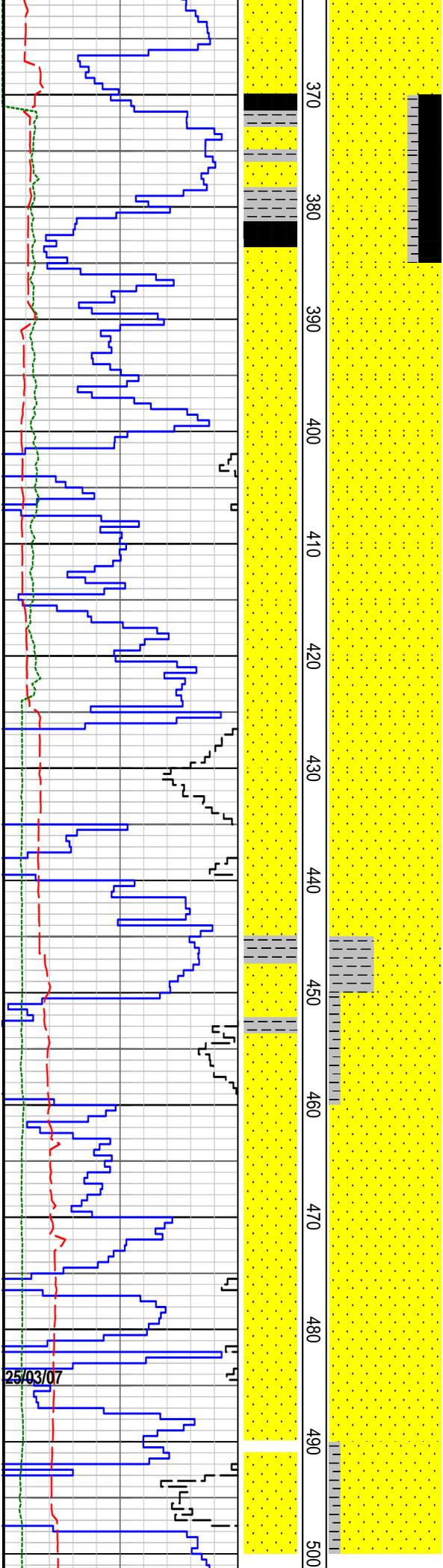
Coal: v dkbrn-blk, irreg fract, ethy lstr, frm - hd.

Survey @ 319m, 12 Deg.  
 Basalt: (weathered), lt-med grngy-ltbrn, speckled, mic, weathered i/p-kaol, hd-v hd.

Sandstone:ltbrn, vf-vc, dom c, ang-sbrnd, mod srtd, v wk sil cmt, tr med-dkbrn argill mtx, clr-opaq qtz gr, tr blk coal det, unconsol, v g infer por, no oil fluor.

Sandstone:lt brn, vf-grit, dom v c, ang-sbang, mod srtd, v wk sil cmt, tr med-dk brn argill mtx, clr-opaq qtz gr, tr blk coal det, unconsol, v gd infer por, no oil fluor.  
 Claystone:lt-med gry-med brn,v carb i/p,occ v fine aren,v sft,v disp,non fiss

Coal: v dk brn-blk,sli-mod argill,irregular fract,ea lust,frm-hd.  
 Sandstone: vlt gry-v lt brn gry,vf-grit, dom v c, ang-sbang, mod srtd, v wk sil cmt, tr med-dk brn argill mtx, clr-opaq qtz gr, tr blk coal det, tr crs mica flks, uncons,v gd infer



Survey @ 357m, 11 Deg.  
 Claystone: lt-med gry to med brn, v carb i/p, occ v fine aren, v sft, v disp, non fiss.  
 Sandstone: lt brn gry, vf-grit, dom v c, ang-sbang, mod srtd, v wk silca cmt, tr med-dk brn argill mtx, clr-opaq qtz gr, tr blk coal det, uncons, v gd infer por, no oil fluor.

Sandstone: lt brn gry, vf-grit, dom v c, ang-sbang, mod srtd, v wk silca cmt, tr-com med-dk brn argill mtx, clr-opaq qtz gr, tr blk coal det, uncons, v gd infer por, no oil fluor.

Sandstone: lt brn gry, vf-grit, dom v c, ang-sbang, mod srtd, v wk silca cmt, tr-com med-dk brn argill mtx, clr-opaq qtz gr, tr blk coal det, tr c mica flks, uncons, v gd infer por, n

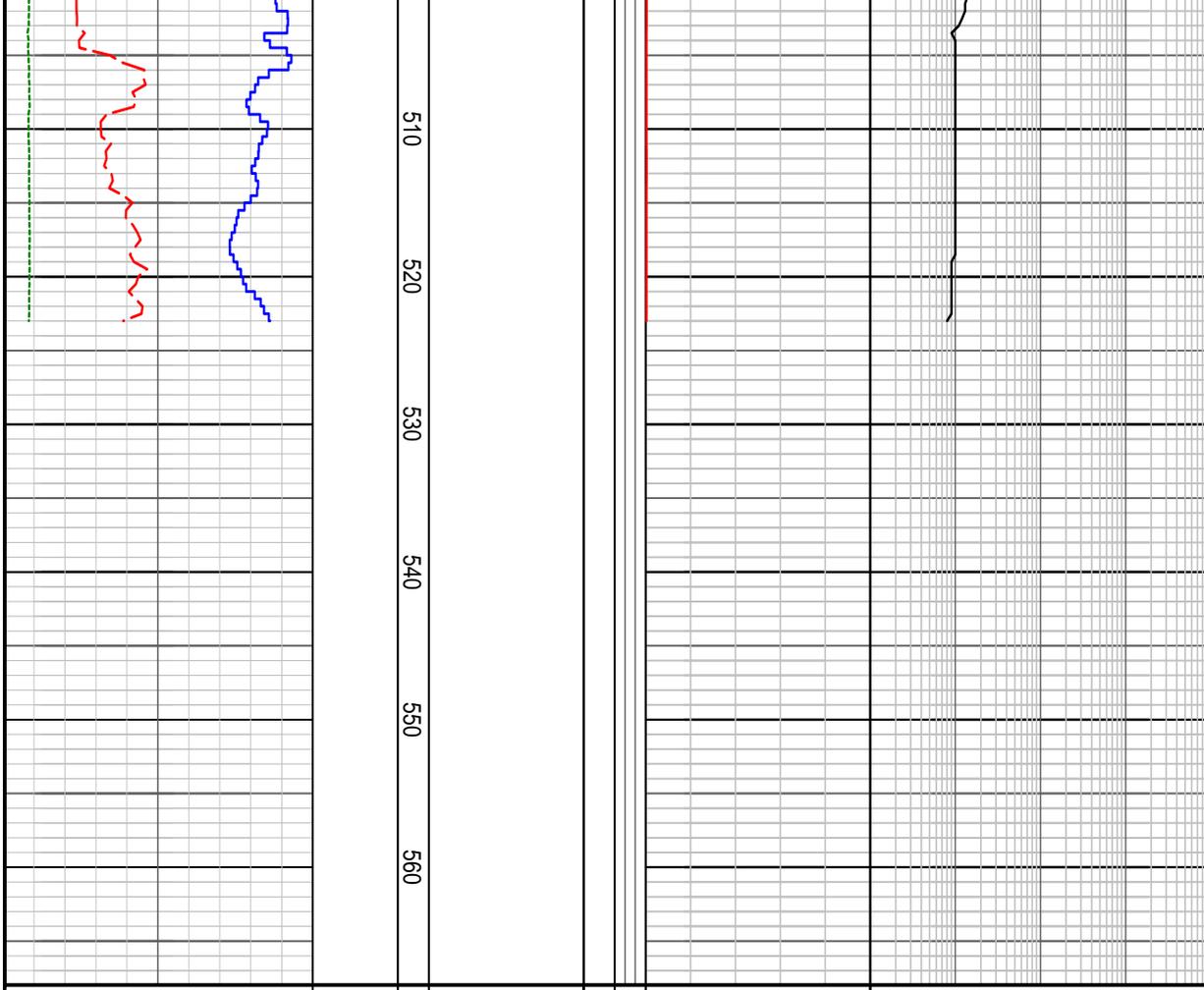
Survey @ 414m, 9 Deg.

Sandstone: lt brn gry, vf-grit, dom v c, ang-sbang, mod srtd, v wk silca cmt, tr-com med-dk brn argill mtx, clr-opaq qtz gr, tr org rd liths, com blk coal det tr c mica flks, uncons, v gd infer por, no oil fluor.

Sandstone: lt brn gry, vf-grit, dom v c, ang-sbang, mod srtd, v wk silca cmt, tr-com med-dk brn argill mtx, clr-opaq qtz gr, tr blk coal det, tr c mica flks, uncons, v gd infer por, no oil fluor

Sandstone: lt brn gry, vf-vc, dom c, ang-sbang, mod srtd, v wk sil cmt, tr-com med-dk brn argill mtx, clr-opaq

qtz gr, tr or rd liths, com blk coal det, t  
 c mic flaks, rr pyr, uncons  
 v g infer por, n o fluor



**FORMATION EVALUATION LOG**

RATE OF PENETRATION		LITHOLOGY	LITHOLOGY INTERPRETED	MD meters 1:500	OIL SHOWS CORE	TOTAL GAS	CHROMATOGRAPH	REMARKS
ROP (0-50m/hr)	Backup ROP (50-200m/hr)							
5   10   15   20   25   30   35   40   45   50	5   10   15   20   25   30   35   40   45   50					10   20   30   40   50 unit	1 Methane ppm 10000 1 Ethane ppm 10000 1 Propane ppm 10000 1 iso-Butane ppm 10000 1 n-Butane ppm 10000 1 iso-Pentane ppm 10000 n-Pentane ppm 10   100   1000   10000	
5   10   15   20   25   30   35   40   45   50	5   10   15   20   25   30   35   40   45   50							